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ABSTRACT

More data are available for judging educational quality than standardized test scores alone. This paper considers test scores and some alternate methods of assessing the available information about the success of schools in Mississippi in improving the learning process. Data came from the state department of education and were based on 1993 test score results, administrative research, and census information for 148 of the state's 153 school districts. (Five districts were omitted from the analysis because they could not reasonably be compared with the others.) Test scores in Mississippi improved from 1990 to 1993. Repeated measures analysis of variance was used to study the Stanford Achievement Test score changes in grades 4, 6, and 8. Other test score changes examined were those of the Functional Literacy Examination and a state algebra examination. Using administrative information and test scores meant that each district could score in 13 gain areas. There were significant correlations for the breadth of gain index for the districts, and none were classified as unexpected. Overall, mathematics gains were greatest among the content areas. Appendix A contains 2 tables of descriptive statistics and correlations for all the districts, and Appendix B contains statistics and correlations in 3 tables for the 148 districts examined in detail. (Contains seven figures, nine tables, and five references.) (SLD)

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SIGNIFICANT CORRELATES WITH STANFORD TEST SCORE CHANGES

BELIEVE IT OR NOT

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SIGNIFICANT CORRELATES WITH STANFORD TEST SCORE CHANGES BELIEVE IT OR NOT

Throughout the country, a major emphasis is being placed on improvement in the education of students. Mississippi has recognized the need for improvement in the quality of education provided and has responded by collecting data from all school districts and annually publishing a State Report Card. Traditionally, Mississippi has based judgments of school improvement on standardized test scores within the districts. Levels of accreditation are assigned based on the standardized test scores of students within each school district. However, there is still some question as to whether this method is actually addressing the issue of school improvement. With the massive amount of data collected by the State Department of Education, it is possible that some factors-- factors that may be critical for significant improvement of education in this State-- need more attention.

Although educators are beginning to focus on the multicultural characteristics of students, the question remains as to whether decisions on school improvement are taking into account the various cultural aspects involved in the learning process. Vygotsky saw development as social in origin, arising from the socio-cultural background of students within a particular culture. Within this socio-cultural environment, he also felt that development is based on the tools and signs available within the culture which assist the learner in reaching the optimum

potential. As a result, Vygotsky believed that development is rooted in thinking and speech. Language and its use plays an important role in the learner's ability to reach the genetic potential available to the student.

In addressing Vygotsky's views of learning, one must first look at the *zone of proximal development (ZPD)*. This is typically thought of as an individual's capacity for learning and the range of learning potential as it is culturally shaped by the social environment in which the learning takes place. Cultural values of individuals are represented by how they order their activities and relationships. The goal of the learner is dependent on the accepted goals of the culture in which the learner resides and is dictated by the adults within the culture, based on the specific societal needs and solutions to problems encountered within that social culture. As a result, success in reaching the optimum learning for one culture may not be the same as in another. For example, Hundeide (1985) questioned the universality of Piaget's stages when he wrote,

> When we study other cultures with different institutions and episodic structuring of reality, we may find that the definition required for the proper execution of certain mental operations that are of interest to us are *outside the episodic repertoire of that culture*. In such cases, an orthodox Piagetian diagnostician runs the risk of diagnosing an entire culture as "preoperational." (pp. 310-311)

Further, some cultures may desire higher mental processes that may be considered negative by other cultures. Smagorinsky relates that Nazi Germany led its citizens to believe that the genocide of other groups was a higher goal, although the rest of

the world felt that this act was atrocious. Within the Nazi culture, those individuals reaching this level of thinking were thought to have reached the highest level of mental processing. Tulviste (1991) discusses the principle of heterogeneity in which the learner is in an environment of overlapping social networks and therefore develops several frameworks for thinking. This points out the complexity of human life and the thought processes necessary.

Smagorinsky (1995) addresses the internalization of culture on the thought process and presents the concept that the learner's acceptance of the value system underlies what mental processes are deemed desirable within that culture. These values are taught to a developing child by the adults and more capable peers within the socio-cultural environment of the learner. Further, the developing child is dependent upon assistance for reaching the optimum level of functioning. The learner is found to have a range of potential rather than some fixed level of ability. As a result, one becomes aware that the mind is elastic in its cognitive growth and may take different directions dependent upon the social and cultural environment in which learning occurs. Further, the mind is unbounded as far as its potential for growth is concerned.

The type of thinking that the developing child seeks is dependent on the cultural and historical knowledge and practices that are found in the environment and the adult assistance available within that environment. The types of problems that have faced a

particular culture historically will dictate the direction and accepted higher order thinking required and accepted within the culture. As a result, higher mental processing addresses culturally specific needs of a society. Consequently, ways of solving problems are passed down from generation to generation and can often materialize in the self-fulfilling prophesy that typifies a cultural group.

According to Vygotsky (Smagorinsky, 1995), the social-cultural atmosphere provides the framework for the learner's possibility for reaching his or her optimum potential. Tools are used by the learner which are dictated by the needs and problems facing the socio-cultural group. In Western culture, traditionally one of the most important tools used in learning is language. Speech follows cultural guidelines and guides the learner toward reaching a goal. As a result, speech patterns can greatly affect the optimum growth and development of an individual within a society.

Based on Vygotsky's view of learning and ZPD, Smagorinsky addresses the issue of research in education as traditionally trying to capture the "ability" of the learner as opposed to the whole picture of what is happening in the learner's environment. As a result, many variables that are linked to the developmental processes cannot be accurately isolated for study and must be addressed as a whole. A proper evaluation must look at the interrelationships that occur within the learner's social environment. Data collection is dependent on a belief in a

particular developmental end point, and if that end point is not in compliance with the desired outcome of a particular socio-cultural group, the data collected may not accurately describe the process being studied. Traditionally, assessment has been used to determine outcomes of research, and rather than being culturally neutral, contain many cultural values and biases. Many valued abilities in a particular culture are often seen as deficiencies in an academic setting, and this attitude may often place a student in a situation of complete failure in all areas based on the functioning in the academic setting. Lave, Murtaugh, and de la Rocha's (1984) research indicates that many individuals function in real world situations without error, but when placed in an academic setting with abstract problems, they are unable to answer without numerous errors. Moll and Greenberg (1990) also found that the assessment techniques used in academic settings produced failure; however, in a more meaningful, concrete, and appropriate assessment setting, the students succeeded most of the time. In assessing a learner's ability, many types of intelligence must be taken into account that would portray the total picture of success or failure. To assume that only one measure of success is accurate is to make a false assumption of the values dictated by the socio-cultural environment of the student. Rather, one is making an assumption of achievement that is ultimately bound by the compatibility of the learner and the evaluator's means of assessment.

Since there is a discrepancy between many learners and the traditional methods for assessing success, it may be found that distinct advantage is given to those students whose higher thinking processes are similar to those who create or dictate the assessment instruments. These students may have a distinct advantage over those students who do not understand the cultural implications and outcomes expected of them. One might suggest that as educators, we are not accurately assessing progress as well as we would like to believe we are and that maybe study in the social origins of learning might be helpful in creating tools that would be better suited to a more accurate assessment of what is occurring within the learner's environment.

This presentation raises the issue that more data are available for judging than standardized test scores, and this paper will address some alternate methods of assessing the available information and the success of schools in improving the learning process.

METHOD

Data were obtained from the Mississippi State Department of Education (SDE) Mississippi Report Card, 1993, available through the Management Information Systems Office of the SDE. Data were based on 1993 test score results, administrative research, and estimated updates of 1990 Census Tract information for each of 153 school districts. Collection and publication of these data take almost a full year, and the present data were published on March 11, 1994. Among those 153 districts, 504,229 students were

enrolled, K-12, in a state with population of 2,573,216. Only seven of 82 counties in the state meet the U.S. Census criteria as Metropolitan Statistical Areas. Mississippi has the highest percentage (35.59%) of African American citizens in the U.S.

The Mississippi Report Card, 1993 (Burnham, 1994) contains 195 data points for each public school district. Among those variables, 74 were selected for data analysis. **Figure 1** presents the variables, coded to the variable number in appendicized databases, with a brief explanation of the variable.

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Figure 1 About Here

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Descriptive statistics and a complete correlation matrix for all 153 districts are presented in **APPENDIX A**. Following data analysis from all 153 districts, it was clear that five of the districts should be omitted from analysis. In each case, those districts represented unique situations, and they could not be reasonably compared to the other 148 districts in the state. Four of those unique districts were "Agricultural High Schools" (AHS). The AHS could not be directly compared to other districts in that (a) they do not take many of the tests that were used for comparison, (b) they represent a special population of students, and (c) the students take a specialized curriculum. The other district was omitted for testing irregularities.

Descriptive statistics and a complete correlation matrix for the remaining 148 districts are presented in **APPENDIX B**.

Comparing these data with APPENDIX A, there are only small differences among the 74 variables and 5,302 Pearson r's.

It should be noted that since we have used the district averages as a unit of aggregation, no conclusions about an individual student should be drawn. For example, suppose that a significant positive correlation exists between test score averages and average income in a district. One can conclude that "Districts with higher average income have higher test score averages." However, it would not be warranted to conclude that "Students with higher income tend to have higher test scores." Conclusions should be limited to the unit of analysis, in this case, the district.

It should further be noted that one of the premises of this report is that administrative decisions concerning accreditation were (and still are) based on district test score averages. Since we have raised questions concerning that practice, we have chosen to base our empirical case for concern on district test score averages.

RESULTS

There can be no doubt that test scores in Mississippi improved from 1990 to 1993. In each of the 153 districts summarized in APPENDIX A, 13 test score comparisons were possible (Variables 40 through 52) yielding 1,989 possible comparisons. The actual number of comparisons was slightly smaller (1,937) since some districts did not take all of the tests. In 1,354 comparisons, the test scores improved (Chi Square = 7.92, 1 df, p

< .01). **Figure 1** describes these tests, identifies the Variable Numbers used in APPENDIXES A and B, and presents abbreviated variable names to be used for reference throughout the RESULTS section.

Initially, a correlational analysis was completed on the data from all 153 districts (APPENDIX A). A large number of "Unexpected Results" were encountered among those correlates of the Test Change Variables (V40 through V52). These have been excerpted from APPENDIX A and are presented in **Table 1**.

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Table 1 About Here

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These correlations are described as "Unexpected" since they show strong associations between test score gains and many variables (e.g. poverty, small schools, low attendance, and low parental academic achievement) that are usually associated with low test score averages. It was clear that some of the gains could be explained by the fact that districts with low test scores would have "more room for improvement" and by assuming that districts with low test scores would benefit from some regression toward the mean.

In order to study this issue more carefully, it was decided to eliminate the scores of five districts which (a) had extremely low test scores, (b) had extremely high test score gains, and (c) were qualitatively different from other districts in Mississippi. The qualitative differences were first, that four of the districts were Agricultural High Schools and second, that

one of the districts had experienced extreme testing irregularities during 1993. The METHODS Section elaborates on the reasons for dropping these five districts. The resulting descriptive statistics and complete correlation matrix are presented in APPENDIX B. These data will be used for all further analyses in this report.

Table 2 shows all significant ($p < .05$) correlations between the Stanford Achievement Test scores and the other variables. Many of "Unexpected" correlations remain, designated by the symbol "U."

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Table 2 About Here

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Statewide Results:

Repeated measures ANOVA were used to study the Stanford Achievement Test (SAT) score changes, administered in grades 4, 6, and 8 between 1990 and 1993. Each of these grades took the SAT Reading (SRC-4, SRC-6, and SRC-8), SAT Language (SLC-4, SLC-6, and SLC-8), and SAT Mathematics (SMC-4, SMC-6, and SMC-8) tests. Test score changes were reported and analyzed in terms of Normal Curve Equivalents (NCE). **Figures 2, 3, and 4** show that Mathematics score gains were higher than gains on the other subtests.

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Figures 2, 3, and 4 About Here

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Figure 2 shows that average Stanford three-year test score changes in Reading, Language, and Mathematics were significantly

different from each other [$F(2,294)=8.47$; $p < .01$] for the Fourth Grade. Post Hoc comparisons were made using Scheffe's procedure. While Reading and Language gains were not significantly different from each other ($p > .05$), both were significantly lower than gains in Mathematics (Reading at the $p < .01$ level; Language at the $p < .05$ level).

Figure 3 shows that average Stanford three-year test score changes in Reading, Language, and Mathematics were significantly different from each other [$F(2,294)=9.89$; $p < .01$] for the Sixth Grade. Post Hoc comparisons were made using Scheffe's procedure. Again, Reading and Language gains did not differ significantly from each other ($p > .05$). Both Reading and Language gains were significantly lower ($p < .01$) than Mathematics gains.

Figure 4 shows that average Stanford three-year test score changes in Reading, Language, and Mathematics were significantly different from each other [$F(2,294)=4.50$; $p < .05$] for the Eighth Grade. Post Hoc comparisons were made using Scheffe's procedure. Language gains were significantly higher than Reading gains ($p < .05$). No other mean comparisons were significant.

Reading Results:

Figure 5 shows the results of a repeated measures ANOVA for Stanford Reading score changes at Grades 4, 6, and 8. There was a significant difference [$F(2,294)=8.58$; $p < .01$] among the gains at the three grade levels. Scheffe's Post Hoc Comparison procedure showed that gains at Grades Four and Six did not differ significantly from each other ($p > .05$). However, gains at Grade

Eight were significantly less than were gains at either Grade Four or Grade Six (both $p < .01$).

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Figure 5 About Here

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Table 2 presents the significant ($p < .05$) Pearson r's for Stanford Reading Test Score gains at Grades 4, 6, and 8. The coefficients are further classified by whether or not they would be "Expected" or "Unexpected" gains. Such a classification is based on previous research and the "social construction" of expected gains with regard to standardized test score gains. The classification will be used in the DISCUSSION section.

Full Model Regressions were attempted for the Stanford Reading Test gains at Grades 4(Variable 43), 6(Variable 46), and 8(Variable 49). Test score gain was set as the Dependent Variable. Independent variables were selected from district demographic statistics including Variables 3 (percent Black), 5 (percent of adults with 4+ years College), 6 (per capita income), 8 (enrollment), 9 (attendance), and 10 (percent eligible for Free Lunch). The other two regression models on change scores were not significant. These results are summarized in **Table 3**.

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Table 3 About Here

- -

Three Full model regressions used Stanford Reading Score means for grades 4(Variable 56), 6(Variable 59), and 8(Variable 62) as Dependent Variables. The same group of demographic

variables was used. Regression summaries are shown in **Table 4**. Here, by using the more stable test score means as dependent variables, all three regression models were significant beyond the $p < .01$ level. In all three models, the regression coefficient for Free Lunch (Variable 10) was a significant ($p < .01$) associate of the test score mean. Also, in the Sixth Grade model, Percentage of Black Enrollment (Variable 3) was a significant associate of test score means.

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Table 4 About Here

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Language Results:

Figure 6 shows the results of a repeated measures ANOVA for Stanford Language score gains at Grades 4, 6, and 8. There was a significant difference [$F(2,294)=3.19$; $p < .05$] among the gains at the three grade levels. Scheffe's Post Hoc Comparison procedure showed that none of the three grade levels could be reliably differentiated from each other, although a comparison between Grade 4 gains and Grade 8 gains were within 1 one thousandth of a point of achieving the $p = .05$ alpha level. If one accepts that as a "trend," it would be fair to say that gains in the lower grades were higher than gains in the lower grades. This kind of result occurs occasionally with the Scheffe procedure, which is more conservative than the ANOVA on which it is based.

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Figure 6 About Here

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Table 2 presents the significant ($p < .05$) Pearson r's for Stanford Language Test score gains at grades 4, 6, and 8. As with the Reading Results, significant Pearson r's for Language test gains are classified as "Expected" and "Unexpected."

Three full model regressions were constructed for Language score gains in an identical fashion to those described in the Reading Results section. None of the regressions achieved the $p = .05$ level of significance. The regression results for Stanford Language score changes are presented in **Table 5**. As with the Reading Results, three additional regressions were also studied with Stanford Language Means. Once again, these regressions were all significant ($p < .01$). Regression coefficients for Free Lunch (Variable 10) were significant in all models. Additionally, the regression coefficient for Attendance (Variable 9) was significant ($p < .05$) at Grades 4 and 6. Finally, the regression coefficient for Enrollment (Variable 8) was significant in the Grade 8 regression. These results are summarized in **Table 6**.

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Tables 5 and 6 About Here

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Mathematics Results:

Figure 7 shows the results of a repeated measures ANOVA for Stanford Mathematics score gains at Grades 4, 6, and 8. There was a significant difference [$F(2,294)=11.31$; $p < .01$] among the gains at the three grade levels. Scheffe's Post Hoc Comparisons procedure showed that the gains at Grades 4 and 6 were not

different ($p > .05$), while gains at Grade 8 were significantly ($p < .01$) lower than at lower grades.

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Figure 7 About Here

- -

Table 2 presents the significant Pearson r's for Stanford Mathematics Test score gains at Grades 4, 6, and 8. As with Reading and Language score gains, coefficients are classified at "Expected" and "Unexpected."

Three Full Model Regressions were constructed for Mathematics score gains as described for Reading score gains. The county demographic statistics used as independent variables did not produce significant regressions for any of the three models. Results are summarized in **Table 7**. As with the other Stanford tests, the same regressions were also studied for Stanford Mathematics Means. **Table 8** shows the same regression models with Stanford Mathematics test score means (Grade 4 = Variable 62; Grade 6 = Variable 63; and Grade 8 = Variable 64) as dependent variables. As with other test scores regressions, Stanford Mathematics means produced significant ($p < .01$) at all grades. Again, the Free Lunch variable (10)was significant in all regressions. Of particular interest in mathematics was the fact that in Grades 4 and 6, the percentage of adults with college degrees also proved significant ($p < .05$).

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Tables 7 and 8 About Here

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Breadth of Gain Index:

A new variable was constructed to reflect the overall "breadth" of gain for each district. Thirteen test score changes were reported by the Mississippi SDE: 3 Functional Literacy Examination scores, 9 Stanford Achievement Test scores (Reading, Language, and Mathematics each at Grades 4, 6, and 8), and a State Algebra Examination. Thus, each district could score from zero of thirteen gains up to 13 of thirteen gains of the three year period studied. This was entered as Variable 74. **Table 9** shows the significant ($p < .05$) correlations for the "Breadth of Gain" Index. It should be noted that none of these correlations are classified as "Unexpected."

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Table 9 About Here

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DISCUSSION OF RESULTS

The RESULTS Section supports the following interpretations with regard to statewide gains and also to gains across the content areas of Reading, Language, and Mathematics:

1) Mathematics showed the greatest gains among the three content areas at all levels.

2) Reading showed the smallest gains among the three content areas at all levels. Language gains were usually larger, although that difference was never demonstrated through Post Hoc comparisons.

3) The greatest gains were demonstrated for the two lower grades (4 and 6) where Stanford Achievement Test scores were available.

4) Regression on changes gives results different from regression on means

Analysis of correlation matrices for each of the content areas has demonstrated a substantial number of significant ($p < .05$) Pearson r's that have been classified as "Unexpected".

TABLE 1

"Unexpected" Correlates with Stanford Test Score Changes

All of the Pearson Correlation Coefficients shown below reach either the .05 alpha level (r = plus or minus 0.16) or the .01 alpha level (r = plus or minus 0.21). The variables shown below demonstrate a paradoxical significant relationship with test score changes over a three year period. That is, these variable have traditionally been associated with the opposite impact on test scores. Data are based on 153 districts (see Appendix A).

Stanford Reading, Grade 4:

- The higher the percentage of Black students, the higher the test score gains (r = .18).
- The higher the percentage below poverty, the higher the test score gains (r = .20).
- The higher the percentage white, the lower the test score gains (r = -.18).

Stanford Reading, Grade 6:

- The higher the percentage of Black students, the higher the test score gains (r = .34).
- The higher the percentage below poverty, the higher the test score gains (r = .32).
- The higher the percentage eligible for Free Lunch, the higher the test score gains (r = .32).
- The greater the population, the lower the test score gains (r = -.16).
- The higher the percentage white, the lower the test score gains (r = -.34)
- The higher the percentage of a adults in a district with high school diplomas, the lower the test score gains (r = -.22).
- The higher the average income of adults in the district, the lower the test score gains (r = -.29).
- The higher the ACT average in the district, the lower the test score gains (r = -.21).

Stanford Reading, Grade 8:

- The higher the percentage of Black students, the higher the test score gains (r = .27).
- The greater percentage of families below poverty, the higher the test score gains (r = .31).
- The higher the percentage on Free Lunch, the higher the test score gains (r = .27).
- The higher the percentage of white students, the lower the test score gains (r = -.27).
- The higher the percentage of adults in a district with high school diplomas, the lower test score gains (r = -.16).

The higher the average income in a district, the lower the test score gains (r = -.29).

Stanford Language, Grade 4:

The higher the per pupil expenditure in the district, the lower the test score gain (r = -.20)

The higher the percentage of teachers with advanced degrees, the lower the test score gains (r = -.20).

Stanford Language, Grade 6:

The higher the percentage of Chapter 1 children, the higher the test score gains (r = .22).

The higher the per capita income of parents, the lower the test score gains (r = -.17).

Stanford Language, Grade 8:

The higher the percentage of persons below poverty level, the higher the test score gains (r = .21).

The higher the percentage on Free Lunch, the higher the test score gains (r = .16).

The higher the percentage eligible for Chapter 1, the higher the test score gains (r = .20).

The higher the percentage white, the lower the test score gains (r = -.17).

The higher the per capita income of adults, the lower the test score gains (r = -.23).

Stanford Mathematics, Grade 4:

The higher the per pupil expenditure, the lower the test score gains (r = -.20).

Stanford Mathematics, Grade 6:

The higher the percentage Black, the higher the test score gains (r = .16).

The higher the percentage below poverty, the higher the test score gains (r = .19).

The higher the percentage on Free Lunch, the higher the test score gains (r =.18).

The higher the per capita income of adults, the lower the test score gains (r = -.17).

Stanford Mathematics, Grade 8:

The higher the attendance, the lower the test score gains (r = -.16).

The higher the teacher to pupil ratio, the lower the test score gains (r = -.16).

The higher the ACT average, the lower the test score gains (r = -.21).

Table 2

Significant ($p < .05$) Pearson r's between Three Year Stanford Achievement Test changes (in NCE's) and other variables

Grade Four Changes:

Stanford Test	Positive r's	With Variable	Negative r's	With Variable
S4RC (Var 43)	+.173 (U)	V12 Pupil/Teach	-.205 (U)	V42 FLEWC
	+.749	V44 S4LC		
	+.628	V45 S4MC		
	+.219	V46 S6RC		
	+.225	V47 S6LC		
	+.162	V53 FLERM		
	+.182	V54 FLEMM		
	+.407	V56 S4RM		
	+.370	V57 S4LM		
	+.425	V58 S4MM		
	+.186	V63 S8LM		
	+.164	V64 S8MM		
S4LC (Var44)	+.165 (U)	V12 Pupil/Teach	-.169 (U)	V14 Adv Degree
	+.234	V13 Grad Rate		
	+.196	V35 ACT (All)		
	+.217	V37 ACT (CC)		
	+.749	V43 S4RC		
	+.751	V45 S4MC		
	+.171	V46 S6RC		
	+.271	V47 S6LC		
	+.180	V48 S6MC		
	+.342	V53 FLERM		

Table 2, Continued

Grade Six Changes:

S6RC (Var 46)	+.313 (U)	V3 % Black	-.311 (U)	V2 % White
	+.273 (U)	V7 % Poverty	-.191 (U)	V4 % Diploma
	+.294 (U)	V10 Free Lunch	-.261 (U)	V6 Per Capita$
	+.219	V43 S4RC	-.196 (U)	V35 ACT (All)
	+.171	V44 S4LC	-.181 (U)	V37 ACT (CC)
	+.755	V47 S6LC	-.168 (U)	V62 S8RM
	+.702	V48 S6MC	-.165 (U)	V63 S8LM
S6LC (Var 47)	+.169	V9 Attendance		
	+.213	V13 Grad Rate		
	+.225	V43 S4RC		
	+.271	V44 S4LC		
	+.195	V45 S4MC		
	+.755	V46 S6RC		
	+.218	V53 FLERM		
	+.246	V54 FLEMM		
	+.202	V55 FLEWM		
S6MC (Var 48)	+.168 (U)	% Poverty	-.185 (U)	V62 S8RM
	+.161 (U)	V10 Free Lunch	-.172 (U)	V63 S8LM
	+.180	V44 S4LC	-.198 (U)	V71 S8MM
	+.171	V45 S4MC		
	+.702	V46 S6RC		
	+.709	V47 S6LC		
	+.169	V61 S6MM		

S4LC,Continues	+.341	V54 FLEMM		
	+.322	V55 FLEWM		
	+.206	V56 S4RM		
	+.439	V57 S4LM		
	+.355	V58 S4MM		
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S4MC (Var 45)	+.196 (U)	V12 Pupil/Teach	-.198 (U)	V16 Per Pupil $
	+.205	V13 Grad Rate		
	+.278	V35 ACT (All)		
	+.300	V37 ACT (CC)		
	+.628	V43 S4RC		
	+.751	V44 S4LC		
	+.195	V47 S6LC		
	+.171	V48 S6MC		
	+.350	V53 FLERM		
	+.329	V54 FLEMM		
	+.332	V55 FLEWM		
	+.236	V56 S4RM		
	+.382	V57 S4LM		
	+.509	V58 S4MM		

Grade Eight Changes:

S8RC Var 49	+.233 (U)	V3 % Black	-.239 (U)	V2 % White
	+.271 (U)	V7 % Poverty	-.260 (U)	V6 Income
	+.246 (U)	V10 Free Lunch	-.260 (U)	V35 ACT (All)
	+.228	V16 Per Pupil $	-.327 (U)	V37 ACT (CC)
	+.559	V50 S8LC	-.228 (U)	V53 FLERM
	+.519	V51 S8MC	-.203 (U)	V54 FLEMM
	+.230	V62 S8RM	-.210 (U)	V55 FLEWM
			-.226 (U)	V65 Algebra I
S8LC Var 50	+.173	V16 Per Pupil $	-.196 (U)	V6 Income
	+.205 (U)	V21 Chapter 1		
	+.559	V49 S8RC		
	+.457	V51 S8MC		
	+.358	V63 S8LM		
S8MC Var 51	+.187 (U)	V16 Per Pupil $	-.201 (U)	V9 Attendance
	+.160 (U)	V21 Chapter 1	-.189 (U)	V13 Grad Rate
	+.519	V49 S8RC	-.200 (U)	V35 ACT (All)
	+.457	V50 S8LC	-.249 (U)	V37 ACT (CC)
	+.291	V64 S8MM	-.246 (U)	V53 FLERM
			-.243 (U)	V54 FLEMM
			-.249 (U)	V55 FLEWM

(U) denotes a significant Pearson r that was "Unexpected" in the sense that large gains (positive changes) are associated with variables that traditionally have been associated low test score means.

Table 3: Reading Gain Regression

S4R Gain

```
Dependent Variable:  VAR_043
Multiple R:          .366736139
Multiple R-Square:   .070618749
Adjusted R-Square:   .037890951
Minimum pairwise N:  148
F ( 5,     142)  = 2.157867          p < .062061
Standard Error of Estimate:  4.558110765
Intercept:   -17.61559388  Std.Error: 25.84061  t(  142) = -.6817  p < .496538
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_043 (reportds) R= .26573624 R²= .07061575 Adjusted R²= .03789095 F(5,142)=2.1579 p<.06206 Std.Error of estimate: 4.5551						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			-17.6156	25.84061	-.68170	.496538	
VAR3	.536138	.198067	.1194	.04412	2.70685	.007626	148.0000
VAR5	-.119946	.093451	-.0997	.07764	-1.28379	.201308	148.0000
VAR8	-.021462	.093277	-.0000	.00013	-.23008	.818357	148.0000
VAR9	.085541	.099182	.2509	.26447	.94854	.344468	148.0000
VAR_010	-.456936	.211925	-.1070	.04961	-2.15612	.032759	148.0000

Free Lunch

S6R Gain

```
Dependent Variable:  VAR_044
Multiple R:          .175871959
Multiple R-Square:   .030930946
Adjusted R-Square:   -.003191204
Minimum pairwise N:  148
F ( 5,     142)  = .9064770          p < .478764
Standard Error of Estimate:  4.872275944
Intercept:   -7.360914640  Std.Error: 27.63985  t(  142) = -.2663  p < .790383
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_044 (reportds) R= .17587196 R²= .03093098 Adjusted R²= ----- F(5,142)=.90648 p<.47876 Std.Error of estimate: 4.8723						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			-7.36091	27.63985	-.26632	.790383	
VAR3	.257540	.202251	.06009	.04719	1.27337	.204968	148.0000
VAR5	-.167815	.095405	-.14607	.08304	-1.75898	.080736	148.0000
VAR8	.057195	.095247	.00008	.00014	.60049	.549134	148.0000
VAR9	.046803	.092087	.14978	.28288	.52925	.612068	148.0000
VAR_010	-.255744	.216402	-.06271	.05506	-1.18180	.239262	148.0000

S8R Gain

```
Dependent Variable:  VAR_045
Multiple R:          .135230298
Multiple R-Square:   .018287234
Adjusted R-Square:   -.016280117
Minimum pairwise N:  148
F ( 5,     142)  = .5290320          p < .754005
Standard Error of Estimate:  6.011727069
Intercept:   12.329291175  Std.Error: 34.10383  t(  142) = .35859  p < .720434
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_045 (reportds) R= .13523030 R²= .01828723 Adjusted R²= ----- F(5,142)=.52903 p<.75401 Std.Error of estimate: 6.0117						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			12.32929	34.10383	.358590	.720434	
VAR3	-.045824	.203566	-.01911	.08823	-.225105	.822221	148.0000
VAR5	-.081394	.096035	-.08488	.10246	-.847695	.398060	148.0000
VAR8	.063953	.096867	.00011	.00017	.667105	.505788	148.0000
VAR9	-.015953	.092686	-.04008	.34904	-.172115	.863592	148.0000
VAR_010	-.066839	.21.7810	-.02009	.. 1547	-.306871	.759391	148.0000

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Table 4: Reading Mean Regression

S4R Mean

Dependent Variable: VAR_056
Multiple R: .709424860
Multiple R-Square: .503283632
Adjusted R-Square: .485669577
Minimum pairwise N: 147
F (5, 141) = 28.57284 p < .000000
Standard Error of Estimate: 4.689059406
Intercept: 28.511063787 Std.Error: 26.69081 t(141) = 1.0682 p < .287257

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_056 (reportdb) R= .70942486 R²= .50328363 Adjusted R²= .48566958 F(5,141)=28.573 p<.00000 Std.Error of estimate: 4.6891						
N=147	BETA	St. Err. of BETA	B	St. Err. of B	t(141)	p-level	Valid N
Intercpt			28.51106	26.69081	1.06820	.287257	
VAR3	.173131	.145312	.05430	.04557	1.19144	.235482	148.0000
VAR5	.029344	.068546	.09453	.08019	.42810	.669234	148.0000
VAR8	-.080843	.068433	-.00016	.00013	-1.18134	.239465	148.0000
VAR9	.079807	.066162	.32951	.27317	1.20623	.229748	148.0000
VAR_010	-.840381	.155480	-.27697	.05124	-5.40508	.000000	148.0000

S6R Mean

Dependent Variable: VAR_057
Multiple R: .726243534
Multiple R-Square: .527429671
Adjusted R-Square: .510789871
Minimum pairwise N: 148
F (5, 142) = 31.69687 p < .000000
Standard Error of Estimate: 4.017026051
Intercept: 45.918797387 Std.Error: 22.78812 t(142) = 2.0150 p < .045789

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_057 (reportdb) R= .72624353 R²= .52742967 Adjusted R²= .51078987 F(5,142)=31.697 p<.00000 Std.Error of estimate: 4.0170						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			45.91880	22.78812	2.01503	.045789	
VAR3	.302275	.141237	.08827	.03891	2.14030	.034047	148.0000
VAR5	-.012887	.066623	-.01324	.06846	-.19343	.846898	148.0000
VAR8	-.037684	.066513	-.00006	.00011	-.56656	.571909	148.0000
VAR9	.058061	.064306	.21058	.23323	.90288	.368119	148.0000
VAR_010	-.975687	.151119	-.28246	.04375	-6.45643	.000000	148.0000

% Black

Free Lunch

S8R Mean

Dependent Variable: VAR_058
Multiple R: .530972827
Multiple R-Square: .281932149
Adjusted R-Square: .256448064
Minimum pairwise N: 148
F (5, 142) = 11.15058 p < .000000
Standard Error of Estimate: 5.767381985
Intercept: 62.169080131 Std.Error: 32.71769 t(142) = 1.9002 p < .059438

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_058 (reportdb) R= .53097283 R²= .28193214 Adjusted R²= .25644806 F(5,142)=11.151 p<.00000 Std.Error of estimate: 5.7674						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			62.16905	32.71768	1.90017	.059438	
VAR3	.145816	.174099	.04679	.05586	.83755	.403693	148.0000
VAR5	-.047496	.082125	-.05485	.09830	-.57834	.563953	148.0000
VAR8	-.114833	.081990	-.00023	.00016	-1.40059	.163819	148.0000
VAR9	.012410	.079269	.05242	.33485	.15655	.875819	148.0000
VAR_010	-.676664	.186281	-.22817	.06281	-3.63250	.000391	148.0000

Free Lunch

Table 5: Language Gain Regression

S4L Gain

Dependent Variable: VAR_046
Multiple R: .367269794
Multiple R-Square: .134882694
Adjusted R-Square: .104420817
Minimum pairwise N: 148
F (5, 142) = 4.427918 p < .000888
Standard Error of Estimate: 5.634556383
Intercept: -61.64818776 Std.Error: 31.96418 t(142) = -1.929 p < .055768

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_046 (reportds) R= .36726379 R²= .13488269 Adjusted R²= .10442082 F(5,142)=4.4279 p<.00089 Std.Error of estimate: 5.6346						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			-61.6482	31.96418	-1.92866	.055768	
VAR3	.224762	.191096	.0642	.05457	1.17617	.241493	148.0000
VAR5	-.010857	.090143	-.0116	.09603	-.12044	.904302	148.0000
VAR8	-.054535	.089984	-.0001	.00016	-.60598	.545493	148.0000
VAR9	.169819	.087008	.4385	.32714	1.95177	.052934	148.0000
VAR_010	.120970	.204467	.0363	.06137	.59164	.555034	148.0000

Attendance

S6L Gain

Dependent Variable: VAR_047
Multiple R: .230243445
Multiple R-Square: .053012044
Adjusted R-Square: .019667398
Minimum pairwise N: 148
F (5, 142) = 1.589822 p < .166696
Standard Error of Estimate: 5.659964807
Intercept: -72.58778721 Std.Error: 32.10832 t(142) = -2.261 p < .025297

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_047 (reportds) R= .23024345 R²= .05301204 Adjusted R²= .01966740 F(5,142)=1.5898 p<.16670 Std.Error of estimate: 5.6600						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			-72.5878	32.10832	-2.26072	.025297	
VAR3	-.070981	.199934	-.0195	.05482	-.35502	.723098	148.0000
VAR5	.031527	.094312	.0322	.09647	.33428	.738661	148.0000
VAR8	-.017153	.094156	-.0000	.00016	-.18218	.855701	148.0000
VAR9	.212246	.091032	.7662	.32863	2.33155	.021131	148.0000
VAR_010	.223824	.213923	.0645	.06164	1.04628	.297207	148.0000

S8L Gain

Dependent Variable: VAR_048
Multiple R: .192748956
Multiple R-Square: .037152160
Adjusted R-Square: .003249067
Minimum pairwise N: 148
F (5, 142) = 1.095834 p < .365406
Standard Error of Estimate: 6.096220535
Intercept: -39.38597774 Std.Error: 34.58315 t(142) = -1.139 p < .256672

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_048 (reportds) R= .19274896 R²= .03715216 Adjusted R²= .00324907 F(5,142)=1.0958 p<.36541 Std.Error of estimate: 6.0962						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			-39.3860	34.58315	-1.13888	.256672	
VAR3	-.087099	.201601	-.0255	.05905	-.43204	.666369	148.0000
VAR5	.038321	.095098	.0419	.10390	.40296	.687580	148.0000
VAR8	-.012002	.09 .941	-.0000	.00017	-.12641	.899585	148.0000
VAR9	.107[illegible]	.09[illegible]791	.4156	.35395	1.17421	.242275	148.0000
VAR_010	.271030	.215707	.0834	.06639	1.25647	.211007	148.0000

Table 6: Language Mean Regression

S4L Mean

```
Dependent Variable:  VAR_059
Multiple R:          .647459724
Multiple R-Square:   .419204094
Adjusted R-Square:   .398753534
Minimum pairwise N:  148
F ( 5,     142)  = 20.49842          p < .000000
Standard Error of Estimate:  4.240901966
Intercept:   -9.834771388  Std.Error: 24.05814  t(  142) = -.4088  p < .683308
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_059 (reportds) R= .64745972 R²= .41920409 Adjusted R²= .39875353 F(5,142)=20.498 p<.00000 Std.Error of estimate: 4.2409						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			-9.83477	24.05814	-.40879	.683308	
VAR3	.042595	.156576	.01117	.04108	.27204	.785988	148.0000
VAR5	.093512	.073859	.09151	.07228	1.26608	.207557	148.0000
VAR8	-.096303	.073737	-.00016	.00012	-1.30603	.193655	148.0000
VAR9	.196919	.071291	.68013	.24623	2.76219	.006502	148.0000
VAR_010	-.593119	.167532	-.16352	.04619	-3.54034	.000541	148.0000

Free Lunch
Attendance

S6L Mean

```
Dependent Variable:  VAR_060
Multiple R:          .681401131
Multiple R-Square:   .464307501
Adjusted R-Square:   .445445089
Minimum pairwise N:  148
F ( 5,     142)  = 24.61549          p < .000000
Standard Error of Estimate:  4.028929878
Intercept:   12.498563462  Std.Error: 22.85565  t(  142) = .54685  p < .585342
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_060 (reportds) R= .68140113 R²= .46430780 Adjusted R²= .44544509 F(5,142)=24.615 p<.00000 Std.Error of estimate: 4.0289						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			12.49856	22.85565	.54685	.585342	
VAR3	.103632	.150374	.02689	.03902	.68917	.491844	148.0000
VAR5	.056416	.070933	.05461	.06867	.79534	.427743	148.0000
VAR8	-.056235	.070816	-.00009	.00011	-.79410	.428465	148.0000
VAR9	.150393	.068467	.51383	.23392	2.19659	.029672	148.0000
VAR_010	-.712028	.160895	-.19418	.04388	-4.42542	.000019	148.0000

Free Lunch
Attendance

S8L Mean

```
Dependent Variable:  VAR_061
Multiple R:          .514162216
Multiple R-Square:   .264362784
Adjusted R-Square:   .238460065
Number of cases:     148
F ( 5,     142)  = 10.20599          p < .000000
Standard Error of Estimate:  4.706426678
Intercept:   29.100690901  Std.Error: 26.69801  t(  142) = 1.0900  p < .277580
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_061 (reportds) R= .51416222 R²= .26436278 Adjusted R²= .23846006 F(5,142)=10.206 p<.00000 Std.Error of estimate: 4.7064						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	
Intercpt			29.10069	26.69801	1.08995	.277580	
VAR3	.142744	.176316	.03693	.04558	.81005	.419266	
VAR5	.073808	.08311	.03297	.08021	.28642	.774976	
VAR8	-.165784	.082986	-.00026	.00013	-1.97362	.050366	Dist. Enrollment
VAR9	.097727	.080233	.33284	.27326	1.21803	.225231	
VAR_010	-.605021	.188546	-.16448	.05126	-3.20888	.001647	Free Lunch

Table 7: Math Gain Regression

S4M Gain

```
Dependent Variable:  VAR_049
Multiple R:          .268454625
Multiple R-Square:   .072067886
Adjusted R-Square:   .039394220
Number of cases:     148
F ( 5,     142)  = 2.205687          p < .056957
Standard Error of Estimate:  4.121625858
Intercept:   -22.53855246  Std.Error: 23.38150  t(  142) = -.9639  p < .336711
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_049 (reportdm) R= .26845463 R²= .07206789 Adjusted R²= .03939422 F(5,142)=2.2057 p<.05696 Std.Error of estimate: 4.1216					
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level
Intercpt			-22.5386	23.38150	-.963948	.336711
VAR3	.078125	.197912	.0158	.03992	.394747	.693622
VAR5	-.037265	.093358	-.0280	.07025	-.399164	.690372
VAR8	-.021635	.093204	-.0000	.00012	-.232126	.816775
VAR9	.083625	.090111	.3221	.23930	.928019	.354972
VAR_010	.183883	.211760	.0390	.04489	.868356	.386665

S6M Gain

```
Dependent Variable:  VAR_050
Multiple R:          .154608669
Multiple R-Square:   .023903840
Adjusted R-Square:   -.010465749
Minimum pairwise N:  148
F ( 5,     142)  = .6954941          p < .627683
Standard Error of Estimate:  4.841932471
Intercept:   -15.40537178  Std.Error: 27.46772  t(  142) = -.5609  p < .575781
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_050 (reportdm) R= .15460867 R²= .02390384 Adjusted R²= ——— F(5,142)=.69549 p<.62768 Std.Error of estimate: 4.8419						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			-15.4054	27.46772	-.560854	.575781	
VAR3	.106147	.302989	.0245	.04690	.522934	.601835	148.0000
VAR5	-.044190	.095750	-.0381	.08252	-.461511	.645139	148.0000
VAR8	-.009941	.095592	-.0000	.00014	-.103991	.917323	148.0000
VAR9	.057476	.092420	.1748	.28112	.621894	.535009	148.0000
VAR_010	.034496	.217186	.0084	.05273	.158832	.874027	148.0000

S8M Gain

```
Dependent Variable:  VAR_051
Multiple R:          .259371746
Multiple R-Square:   .067273703
Adjusted R-Square:   .034491227
Minimum pairwise N:  148
F ( 5,     142)  = 2.048375          p < .075439
Standard Error of Estimate:  4.835134435
Intercept:   57.119468129  Std.Error: 27.42916  t(  142) = 2.0824  p < .039097
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_051 (reportdm) R= .25937175 R²= .06727370 Adjusted R²= .03449123 F(5,142)=2.0484 p<.07544 Std.Error of estimate: 4.8351						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			57.11947	27.42916	2.08244	.039097	
VAR3	-.254737	.198423	-.06012	.04683	-1.28381	.201299	148.0000
VAR5	-.083985	.093599	-.07394	.08241	-.89729	.371085	148.0000
VAR8	-.000201	.093444	-.00000	.00014	-.00215	.998290	148.0000
VAR9	-.190086	.090344	.59066	.28073	2.10403	.037138	148.0000
VAR_010	.220370	.212306	.05466	.05266	1.03798	.301042	148.0000

Attendance

Table 8: Math Mean Regression

S4M Mean

```
Dependent Variable:  VAR_062
Multiple R:          .795255067
Multiple R-Square:   .540600014
Adjusted R-Square:   .524423958
Minimum pairwise N:  148
F ( 5,     142)  = 33.41977          p < .000000
Standard Error of Estimate:  3.963494099
Intercept:   24.683022433  Std.Error: 22.48444  t(  142) = 1.0978  p < .274157
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_062 (reportds) R= .79525507 R²= .54060001 Adjusted R²= .52442396 F(5,142)=33.420 p<.00000 Std.Error of estimate: 3.9635						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			24.68302	22.48444	1.09778	.274157	
VAR3	-.088884	.139255	-.02450	.03839	-.63828	.524318	148.0000
VAR5	.195603	.065688	.20115	.06755	2.97774	.003416	148.0000
VAR8	-.036166	.065580	-.00006	.00011	-.55148	.582173	148.0000
VAR9	.079226	.063404	.28755	.23012	1.24955	.213520	148.0000
VAR_010	-.578141	.148898	-.16749	.04317	-3.88019	.000159	148.0000

% 4+ yrs. Col

Free Lunch

S6M Mean

```
Dependent Variable:  VAR_063
Multiple R:          .651241491
Multiple R-Square:   .424115479
Adjusted R-Square:   .403837855
Minimum pairwise N:  148
F ( 5,     142)  = 20.91544          p < .000000
Standard Error of Estimate:  4.769679131
Intercept:   45.201528759  Std.Error: 27.05785  t(  142) = 1.6706  p < .097013
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_063 (reportds) R= .65124149 R²= .42411548 Adjusted R²= .40383786 F(5,142)=20.915 p<.00000 Std.Error of estimate: 4.7697						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			45.20153	27.05784	1.67055	.097013	
VAR3	.271944	.155913	.08058	.04620	1.74421	.083287	148.0000
VAR5	.167798	.073546	.18547	.08129	2.28152	.024008	148.0000
VAR8	-.069431	.073425	-.00013	.00013	-.94561	.345954	148.0000
VAR9	.043610	.070989	.17016	.27693	.61446	.539894	148.0000
VAR_010	-.818794	.166822	-.25496	.05195	-4.90820	.000002	148.0000

% 4+ yrs. Col

Free Lunch

S8 M Mean

```
Dependent Variable:  VAR_064
Multiple R:          .478413311
Multiple R-Square:   .228875296
Adjusted R-Square:   .201727158
Minimum pairwise N:  148
F ( 5,     142)  = 8.429813          p < .000001
Standard Error of Estimate:  5.126736856
Intercept:   63.483350595  Std.Error: 29.08338  t(  142) = 2.1474  p < .033463
```

STAT. MULTIPLE REGRESS.	Regression Summary for Dependent Variable: VAR_064 (reportds) R= .47841331 R²= .22887930 Adjusted R²= .20172716 F(5,142)=8.4295 p<.00000 Std.Error of estimate: 5.1267						
N=148	BETA	St. Err. of BETA	B	St. Err. of B	t(142)	p-level	Valid N
Intercpt			63.48335	29.08338	2.18736	.033463	
VAR3	-.003160	.180416	-.00069	.04966	-.01197	.990465	148.0000
VAR5	.097640	.098105	.10025	.09738	1.03029	.253191	148.0000
VAR8	-.137123	.084964	-.00023	.00014	-1.61389	.108771	148.0000
VAR9	-.012087	.082145	-.04380	.29766	-.14714	.883253	148.0000
VAR_01(	-.469764	.193039	-.13588	.05583	-2.43351	.016194	148.0000

Free Lunch

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Table 9

Significant ($p < .05$) Pearson r's between Breadth of Gain Index and other school district variables (*)

Breadth of Gain	Postive r's	With Variable	Negative r's	With Variable
	+.556	V1 Population	-.209	V3 % Black
	+.197	V2 % White	-.357	V7 % Poverty
	+.598	V4 % Diploma	-.325	V16 Per Pupil $
	+.474	V5 % College		
	+.566	V6 Income		
	+.543	V8 Enrollment		
	+.276	V14 Adv Degree		
	+.319	V35 ACT (All)		
	+.244	V37 ACT (CC)		
	+.217	V56 S4RM		
	+.229	V57 S4LM		
	+.185	V59 S6RM		
	+.171	V60 S6LM		
	+.373	V62 S8RM		
	+.218	V63 S8LM		
	+.185	V64 S8MM		
	+.221	V65 Algebra I		
_____	_____	_____	_____	_____

(*) Note that there are no significant "Unexpected" correlations when the Breadth of Gain Index is used.

Figure 1: District Variables Defined

Variable Number .... Description .....

Demographic Information
1 ..... District Population
2 ..... Percent White
3 ..... Percent Black
4 ..... Percent Adults with Diploma
5 ..... Percent with 4+ Years College
6 ..... Per Capita Income
7 ..... Percent Below Poverty

Student/Teacher Information
8 ..... District Enrollment
9 ..... Average Percent Attendance
10 ..... Percent Free Lunch
11 ..... Number Carnegie Units Taught
12 ..... Pupil/Teacher Ratio
13 ..... Graduation Rate = [(12th-9th)/9th]x100
14 ..... Percent Teachers with Advanced Degrees
15 ..... Percent Teachers with Emergency Degrees

Financial Information
16 ..... Per Pupil Expenditure
17 ..... Percent Expenditure for Administration
18 ..... Assessed Valuation/Student in ADA

Chapter 1 Information
19 ..... Total Chapter 1 Budget
20 ..... Number of Eligible Children
21 ..... Percent Eligible Children served
22 ..... Number Schools in Chapter 1
23 ..... Number Schools Failing to meet Chapter 1 Standards
24 ..... Percent Chapter 1 Funds for Instruction

Gifted Education
25 ..... Number of Teachers
26 ..... Percent Gifted Served as Percent of 1st Month Enrollment minus kindergarten

Special Education
27 ..... Percent students in Special Education
28 ..... Percent Special Education receiving diploma
29 ..... Percent Special Education receiving a Certificate of Completion
30 ..... Total Special Education Federal Budget
31 ..... Total Special Education State & Local Budget

Vocational Education
32 ..... Number of Vocational Teachers
33 ..... Percent Vocational Enrollment (Grades 7-8)
34 ..... Percent Vocational Enrollment (Grades 9-12)

Figure 1, continued (Page 2)

External Testing (College Related)

35 ..... ACT Mean (all students)
36 ..... Percent Taking the ACT
37 ..... ACT Mean (students completing College Core)
38 ..... Percent Taking ACT (College Core)
39 ..... Percent taking Advanced Placement

Accreditation Testing (3 year Net Change)

Functional Literacy Examination Changes (FLE)
40 ..... FLE Reading (FLE-R-C)
41 ..... FLE Mathematics (FLE-M-C)
42 ..... FLE Writing (FLE-W-C)

Stanford Achievement Test Changes
43 ..... Stanford Grade 4 Reading Change (S4RC)
44 ..... Stanford Grade 4 Language Change (S4LC)
45 ..... Stanford Grade 4 Mathematics Change (S4MC)
46 ..... Stanford Grade 6 Reading Change (S6RC)
47 ..... Stanford Grade 6 Language Change (S6LC)
48 ..... Stanford Grade 6 Mathematics Change (S6MC)
49 ..... Stanford Grade 8 Reading Change (S8RC)
50 ..... Stanford Grade 8 Language Change (S8LC)
51 ..... Stanford Grade 8 Mathematics Change (S8MC)

State Algebra Examination Change
52 ..... State Algebra I Change

Functional Literacy Examination Means
53 ..... FLE-Reading Mean (FLE-R-M)
54 ..... FLE-Mathematics Mean (FLE-M-M)
55 ..... FLE-Writing Mean (FLE-W-M)

1993 Stanford Achievement Means in NCE
56 ..... Stanford Grade 4 Reading Mean (S4RM)
57 ..... Stanford Grade 4 Language Mean (S4LM)
58 ..... Stanford Grade 4 Mathematics Mean (S4MM)
59 ..... Stanford Grade 6 Reading Mean (S6RM)
60 ..... Stanford Grade 6 Language Mean (S6LM)
61 ..... Stanford Grade 6 Mathematics Mean (S6MM)
62 ..... Stanford Grade 8 Reading Mean (S8RM)
63 ..... Stanford Grade 8 Language Mean (S8LM)
64 ..... Stanford Grade 8 Mathematics Mean (S8MM)

State Algebra I Examination Mean
65 ..... State Algebra I Examination Mean

Percent Students in Lower Quartile
66 ..... Stanford 4 Complete Battery Percent
67 ..... Stanford 6 Complete Battery Percent
68 ..... Stanford 8 Complete Battery Percent
69 ..... FLE Composite Percent
70 ..... State Algebra 1 Percent

Grouping Variables (ignore means and Pearson r's)

71 ..... Level of Accreditation
72 ..... District Code

Breadth of Test Gain Index

74 ..... Number of tests showing 3 year net gain of 13 possible tests

Figure 2: Grade Four Gains

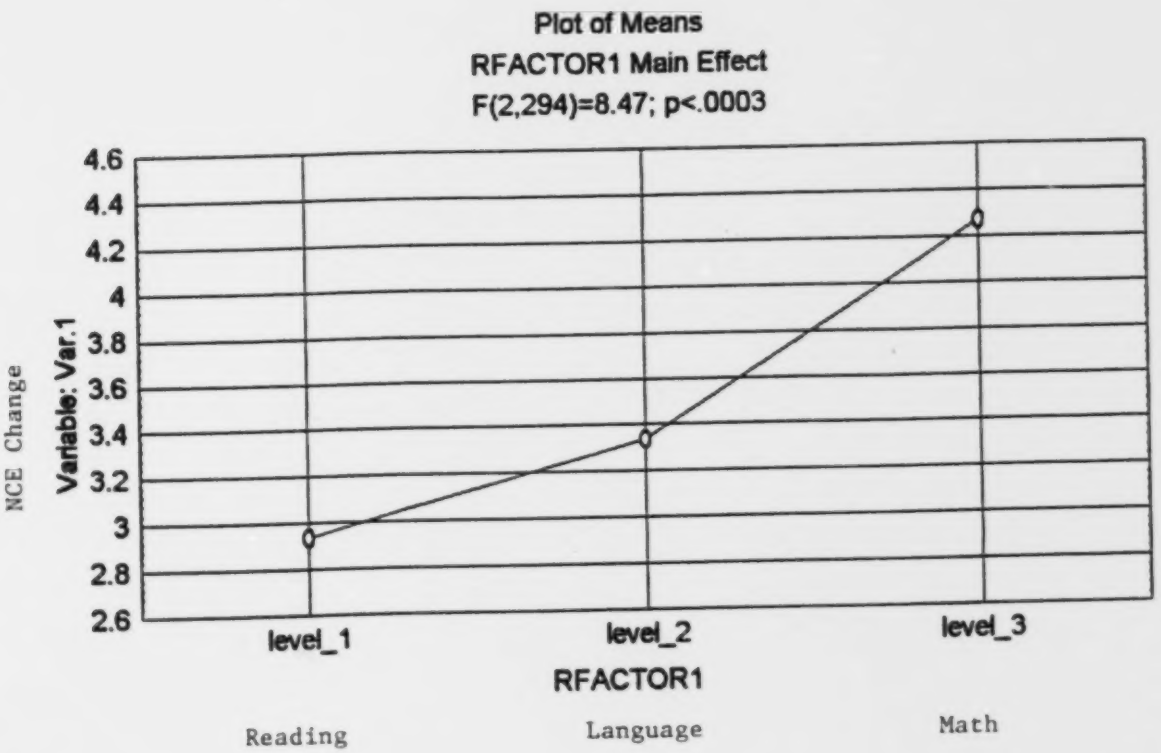
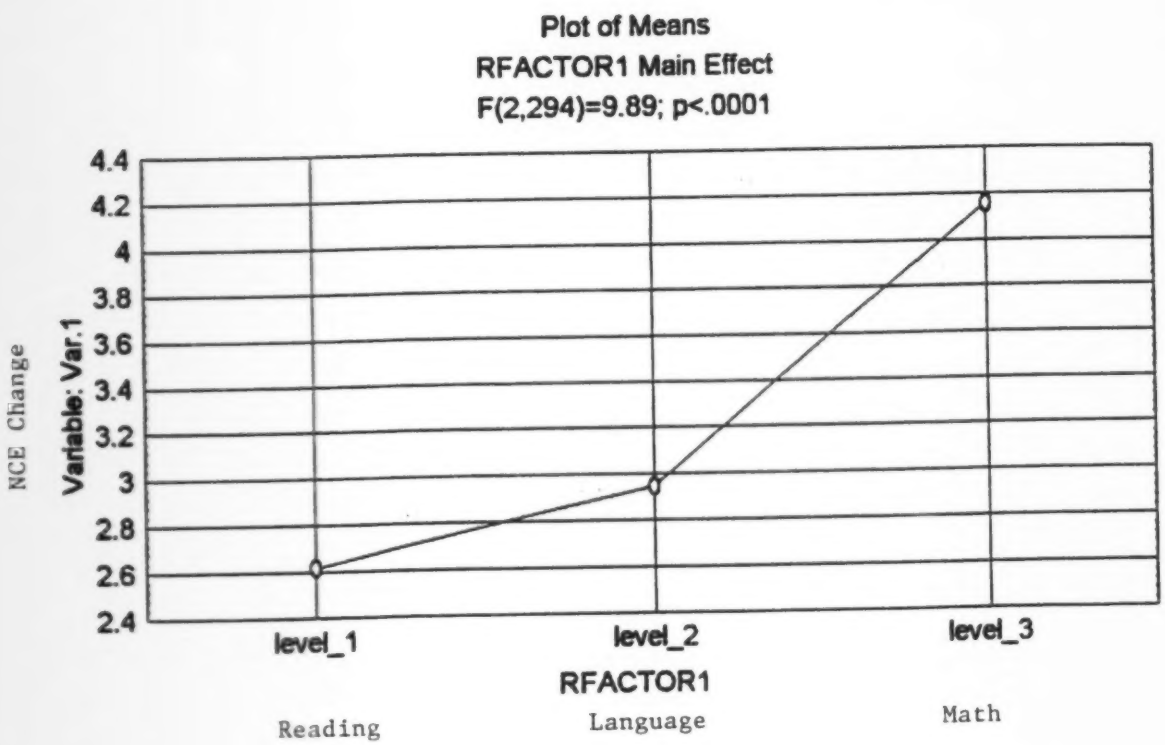
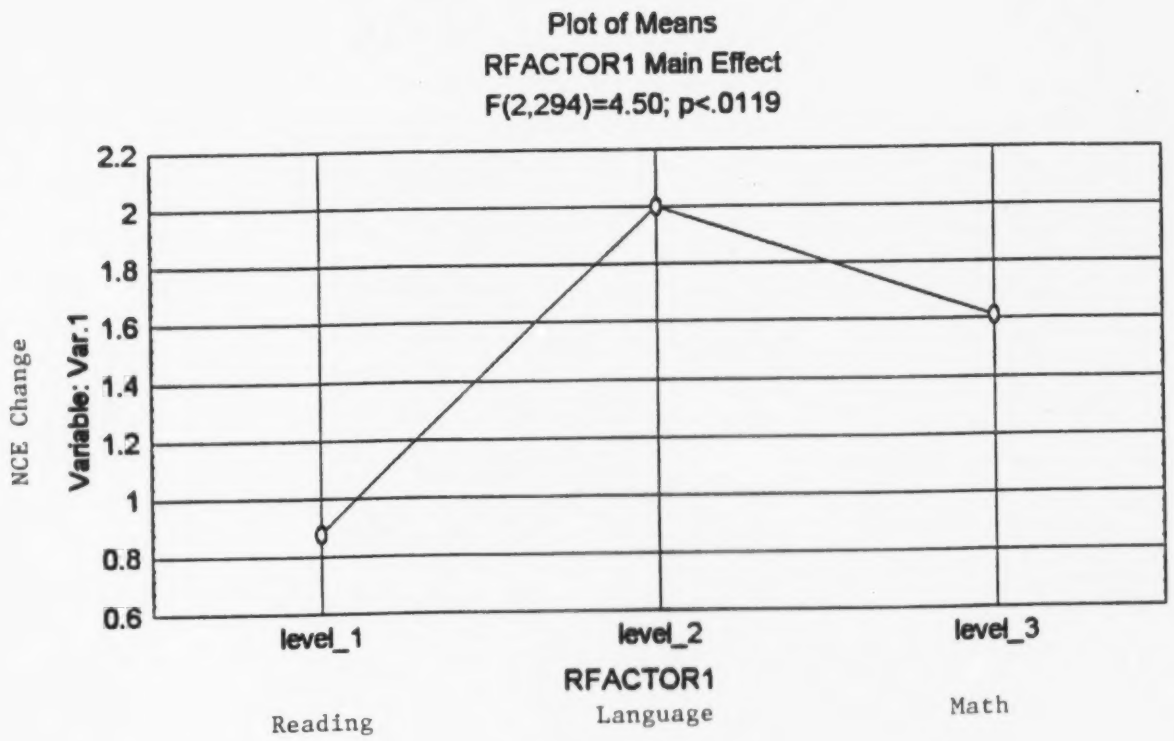


Figure 3: Grade Six Gains



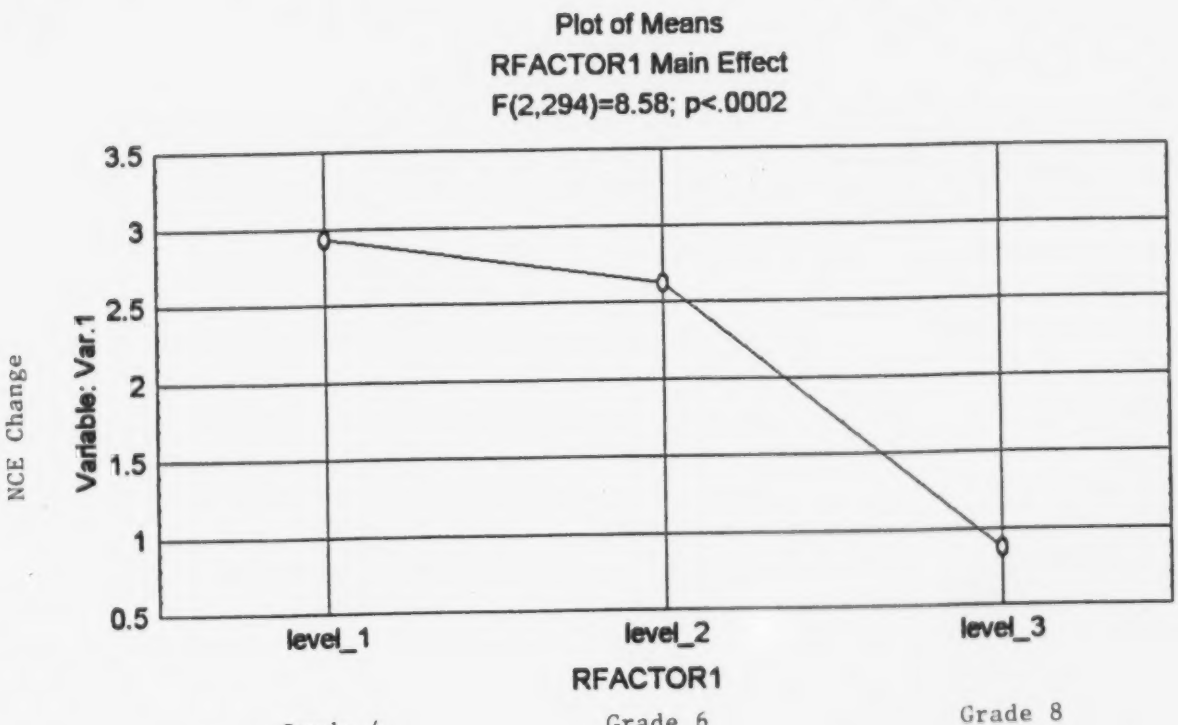
NCE Change

Figure 4: Grade Eight Gains



NCE Change

Figure 5: Reading Changes by Grade



NCE Change

Grade 4 Grade 6 Grade 8

Figure 6: Language Changes by Grade

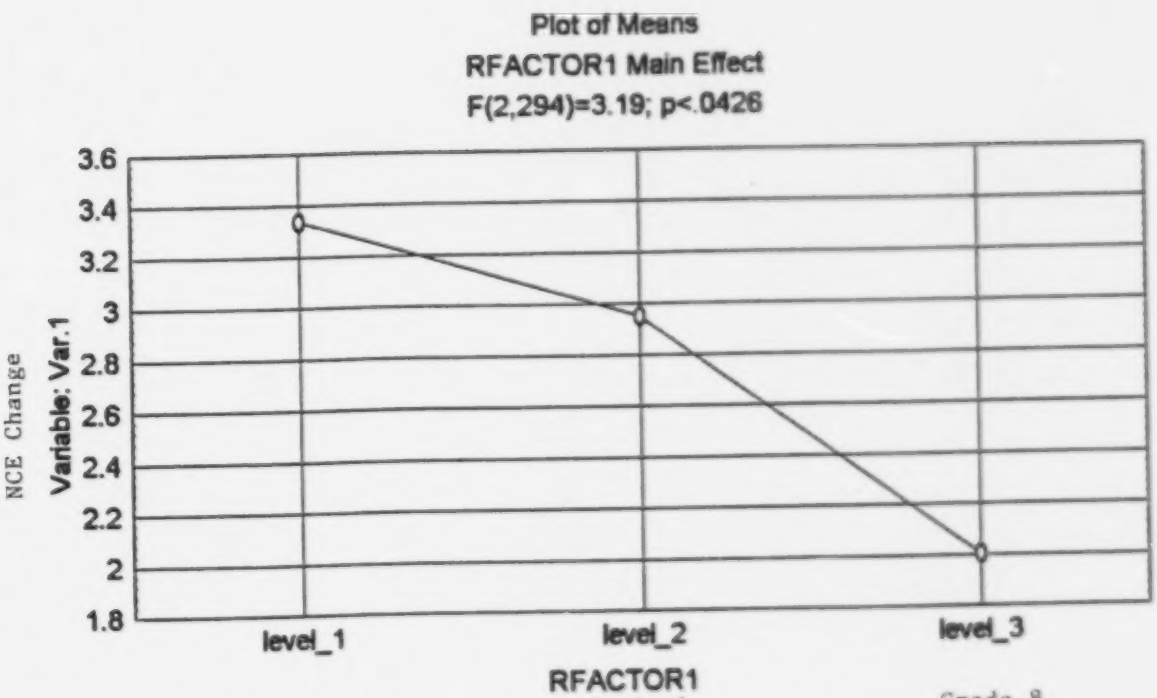
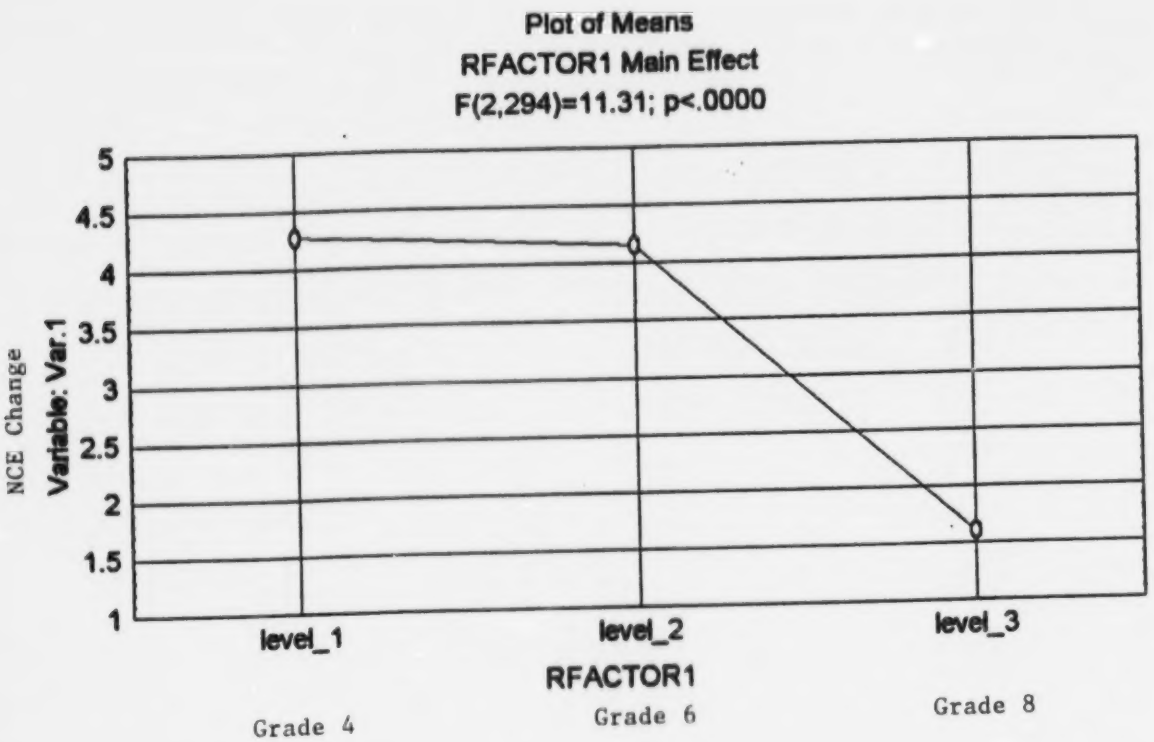


Figure 7: Math Changes by Grade



Grade 4 Grade 6 Grade 8

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APPENDIX A

Descriptive Statistics and Correlations

N = 153

css/pc: basic stats	Descriptive statistics in dbl precision N. of CASES = 153 [from 155] (MD pairwise deleted)					
	N	Min	Max	Mean	Std.Err.	Std.Dev.
VAR1	149	2049.00	195973.	17203.4	1551.43	18937.6
VAR2	149	.76	97.	61.2	1.70	20.8
VAR3	149	3.07	99.	38.0	1.73	21.1
VAR4	149	37.78	86.	61.3	.78	9.5
VAR5	149	4.21	36.	11.4	.46	5.6
VAR6	149	4000.00	15000.	8697.3	151.36	1847.5
VAR7	149	8.01	51.	23.3	.77	9.4
VAR8	153	301.00	33481.	3295.6	273.11	3378.2
VAR9	153	87.20	97.	94.1	.14	1.7
VAR_010	153	.00	95.	59.4	1.66	20.6
VAR_011	153	6.50	191.	64.9	2.14	26.5
VAR_012	153	6.08	20.	16.7	.13	1.6
VAR_013	149	.00	100.	76.1	.96	11.7
VAR_014	153	16.25	71.	36.3	.72	8.9
VAR_015	153	.00	13.	2.0	.19	2.3
VAR_016	153	2338.92	5632.	3527.8	36.26	448.5
VAR_017	149	3.19	12.	6.5	.14	1.7
VAR_018	149	4278.00	52770.	17472.1	580.83	7089.9
VAR_019	153	47866.00	6281097.	738714.6	52277.29	646634.4
VAR_020	153	160.00	13293.	1638.6	113.07	1398.7
VAR_021	153	22.00	6464.	111.2	41.83	517.4
VAR_022	153	1.00	36.	4.9	.31	3.8
VAR_023	153	.00	25.	1.0	.19	2.3
VAR_024	153	70.00	97.	81.9	.45	5.6
VAR_025	153	.00	27.	3.6	.34	4.2
VAR_026	153	.00	12.	4.0	.24	2.9
VAR_027	152	3.60	27.	13.3	.30	3.7
VAR_028	152	.00	100.	15.3	1.67	20.5
VAR_029	152	.00	100.	76.8	2.45	30.2
VAR_030	152	5682.00	788664.	186128.5	11957.95	147427.5
VAR_031	152	55650.00	5958499.	786371.6	65268.89	804688.9
VAR_032	153	.00	78.	12.8	.77	9.5
VAR_033	149	.00	100.	36.6	2.32	28.3
VAR_034	153	.00	99.	49.5	1.66	20.5
VAR_035	153	.00	22.	17.9	.17	2.1
VAR_036	153	.00	98.	60.5	1.13	14.0
VAR_037	153	.00	23.	19.2	.20	2.4
VAR_038	153	.00	66.	32.0	.86	10.7
VAR_039	153	.00	36.	3.5	.48	5.9
VAR_040	153	-21.30	33.	3.3	.43	5.3
VAR_041	153	-38.70	36.	-2.4	.71	8.8
VAR_042	153	-15.40	29.	5.2	.44	5.5
VAR_043	149	-10.70	30.	3.1	.42	5.1
VAR_044	149	-19.50	18.	3.2	.43	5.2
VAR_045	149	-20.10	24.	4.3	.49	5.9
VAR_046	149	-9.70	47.	2.7	.50	6.1
VAR_047	149	-14.00	44.	3.0	.47	5.7
VAR_048	149	-11.60	42.	4.2	.50	6.2
VAR_049	149	-11.40	17.	1.0	.36	4.4
VAR_050	149	-15.90	27.	2.1	.41	5.0

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css/pc: basic stats	Descriptive statistics in dbl precision N. of CASES = 153 [from 155] (MD pairwise deleted)					
	N	Min	Max	Mean	Std.Err.	Std.Dev.
VAR_051	149	-12.90	21.	1.7	.42	5.1
VAR_052	153	-20.70	17.	.4	.57	7.1
VAR_053	153	.00	285.	270.8	1.85	22.9
VAR_054	153	.00	293.	271.5	1.88	23.3
VAR_055	153	.00	289.	268.0	1.83	22.6
VAR_056	148	30.10	75.	45.2	.57	7.0
VAR_057	149	37.20	72.	51.8	.47	5.8
VAR_058	149	35.80	75.	54.0	.55	6.7
VAR_059	149	32.90	64.	45.6	.46	5.7
VAR_060	149	39.80	68.	50.7	.44	5.4
VAR_061	149	37.70	66.	51.6	.45	5.5
VAR_062	149	26.00	59.	43.1	.47	5.8
VAR_063	149	34.50	71.	51.0	.52	6.4
VAR_064	149	34.10	65.	50.7	.47	5.8
VAR_065	153	179.00	220.	200.1	.72	8.9
VAR_066	149	.00	61.	24.6	.93	11.3
VAR_067	149	.00	60.	24.1	.86	10.5
VAR_068	149	.00	60.	28.9	.91	11.1
VAR_069	153	.00	63.	25.8	.91	11.2
VAR_070	153	2.30	73.	24.3	1.32	16.3
VAR_071	153	1.00	5.	2.6	.06	.7
VAR_072	153	130.00	8220.	4063.9	186.39	2305.5
VAR_074	148	13.40	287.	66.2	4.98	60.6

STAT. BASIC STATS	Correlations (reportdb) Marked correlations are significant at p < .05000																
Variable	VAR1	VAR2	VAR3	VAR4	VAR5	VAR6	VAR7	VAR8	VAR9	VAR_01 0	VAR_01 1	VAR_01 2	VAR_01 3	VAR_01 4	VAR_01 5	VAR_01 6	VAR_01 7
VAR1	1.00	.10	-.10	.52*	.42*	.48*	-.27*	.99*	-.23*	-.21*	.73*	.11	-.01	.19*	-.23*	.03	-.11
VAR2	.10	1.00	-1.0*	.48*	.05	.60*	-.86*	.11	.13	-.89*	.29*	-.01	.12	-.10	-.13	-.40*	-.44*
VAR3	-.10	-1.0*	1.00	-.49*	-.06	-.60*	.86*	-.11	-.13	.89*	-.29*	.00	-.12	.09	.14	.40*	.44*
VAR4	.52*	.48*	-.49*	1.00	.72*	.78*	-.63*	.50*	.03	-.61*	.52*	.13	.17*	.37*	-.24*	-.13	-.10
VAR5	.42*	.05	-.06	.72*	1.00	.61*	-.22*	.38*	-.07	-.23*	.33*	.13	.07	.42*	-.18*	.10	.06
VAR6	.48*	.60*	-.60*	.78*	.61*	1.00	-.77*	.48*	-.04	-.73*	.51*	.13	.07	.19*	-.23*	-.19*	-.21*
VAR7	-.27*	-.86*	.86*	-.63*	-.22*	-.77*	1.00	-.27*	-.08	.88*	-.39*	-.04	-.17*	-.04	.13	.40*	.38*
VAR8	.99*	.11	-.11	.50*	.38*	.48*	-.27*	1.00	-.16	-.21*	.75*	.15	-.01	.16	-.22*	-.06	-.17*
VAR9	-.23*	.13	-.13	.03	-.07	-.04	-.08	-.16	1.00	-.25*	-.09	.17*	.26*	-.05	-.02	-.37*	-.22*
VAR_010	-.21*	-.89*	.89*	-.61*	-.23*	-.73*	.88*	-.21*	-.25*	1.00	-.35*	-.11	-.19*	-.05	.17*	.50*	.45*
VAR_011	.73*	.29*	-.29*	.52*	.33*	.51*	-.39*	.75*	-.09	-.35*	1.00	.04	.10	.12	-.28*	-.05	-.33*
VAR_012	.11	-.01	.00	.13	.13	.12	-.04	.15	.17*	-.11	.04	1.00	.09	-.08	-.02	-.55*	-.11
VAR_013	-.01	.12	-.12	.17*	.07	.07	-.17*	-.01	.26*	-.19*	.10	.09	1.00	.14	.09	-.22*	-.08
VAR_014	.19*	-.10	.09	.27*	.42*	.19*	-.04	.16	-.05	-.05	.12	-.08	.14	1.00	-.16*	.22*	.10
VAR_015	-.23*	-.13	.14	-.24*	-.18*	-.23*	.13	-.22*	-.02	.17*	-.28*	-.02	.09	-.16*	1.00	.02	.30*
VAR_016	.02	-.40*	.40*	-.13	.10	-.19*	.40*	-.06	-.37*	.50*	-.05	-.55*	-.22*	.22*	.03	1.00	.49*
VAR_017	-.11	-.44*	.44*	-.10	.06	-.21*	.38*	-.17*	-.22*	.45*	-.33*	-.11	-.08	.10	.30*	.49*	1.00
VAR_018	.32*	.13	-.14	.39*	.42*	.49*	-.18*	.28*	-.21*	-.09	.24*	-.02	-.18*	.09	-.22*	.39*	.15
VAR_019	.82*	-.34*	.34*	.16	.27*	.09	.19*	.81*	-.24*	.27*	.54*	.14	-.10	.17*	-.16*	.13	.04
VAR_020	.90*	-.04	.04	.33*	.27*	.28*	-.11	.91*	-.20*	-.03	.69*	.13	-.02	.13	-.22*	-.02	-.14
VAR_021	-.04	-.10	.10	-.14	-.04	-.11	.11	-.04	-.07	.13	-.08	.00	-.10	-.07	-.06	.09	.04
VAR_022	.90*	-.00	.00	.39*	.35*	.36*	-.15	.91*	-.14	-.08	.74*	.08	-.07	.17*	-.23*	.05	-.15
VAR_023	.70*	-.17*	.16*	.13	.21*	.09	.03	.66*	-.13	.12	.39*	.04	.05	.14	-.10	.13	.07
VAR_024	-.05	.10	-.11	.02	-.07	.04	-.12	-.05	.16*	-.15	-.11	-.08	.13	-.03	.01	-.09	-.10
VAR_025	.80*	.34*	-.34*	.58*	.40*	.61*	-.45*	.83*	-.04	-.44*	.70*	.10	.07	.14	-.21*	-.11	-.25*
VAR_026	.13	.52*	-.52*	.47*	.32*	.46*	-.50*	.10	.19*	-.61*	.23*	.02	.19*	.18*	-.04	-.19*	-.18*
VAR_027	-.22*	.13	-.12	-.16*	-.17*	-.04	-.03	-.18*	.04	-.09	-.23*	-.31*	-.19*	.03	.22*	.10	.06
VAR_028	.32*	.34*	-.34*	.28*	.19*	.38*	-.31*	.31*	-.04	-.32*	.27*	.02	.14	.15	-.13	-.07	-.10
VAR_029	-.15	-.17*	.16*	-.13	-.08	-.20*	.15	-.14	.12	.21*	-.08	.06	-.06	-.14	.02	-.07	.06
VAR_030	.76*	.25*	-.26*	.53*	.36*	.54*	-.36*	.81*	-.16*	-.32*	.69*	.09	-.05	.17*	-.20*	-.07	-.25*
VAR_031	.90*	.19*	-.19*	.54*	.35*	.51*	-.32*	.92*	-.16	-.27*	.74*	.10	-.05	.17*	-.21*	-.02	-.18*
VAR_032	.78*	.08	-.07	.34*	.22*	.33*	-.19*	.81*	-.10	-.13	.89*	-.00	.06	.10	-.24*	.04	-.23*
VAR_033	.00	.13	-.13	.08	.06	.10	-.10	-.00	.01	-.16*	.03	-.13	.13	.17*	-.05	.04	-.04
VAR_034	-.37*	-.14	.15	-.38*	-.37*	-.32*	.23*	-.25*	.14	.19*	-.06	-.08	.11	-.25*	-.07	-.01	-.05
VAR_035	.21*	.57*	-.58*	.60*	.31*	.55*	-.64*	.21*	.24*	-.67*	.41*	.19*	.40*	.11	-.20*	-.45*	-.35*
VAR_036	.14	.38*	-.38*	.36*	.44*	.39*	-.31*	.15	.19*	-.38*	.14	.28*	.43*	.23*	.00	-.29*	-.11
VAR_037	.16*	.60*	-.60*	.53*	.26*	.52*	-.64*	.17*	.23*	-.67*	.36*	.20*	.38*	.03	-.15*	-.46*	-.37*
VAR_038	.29*	.16*	-.17*	.47*	.54*	.43*	-.24*	.27*	.06	-.31*	.23*	.20*	.32*	.34*	-.10	-.15	-.08
VAR_039	.24*	.17*	-.18*	.41*	.46*	.37*	-.22*	.21*	-.02	-.24*	.30*	-.01	.17*	.23*	-.10	.06	-.02
VAR_040	-.03	.06	-.06	-.06	-.07	-.05	.03	-.01	.18*	-.05	.03	.00	-.01	-.08	-.00	-.09	-.23*
VAR_041	-.01	.09	-.10	-.03	-.01	-.02	.01	.02	.13	-.10	-.02	.02	-.02	-.05	-.03	-.15	-.18*
VAR_042	.02	.16	-.15	.04	.01	.08	-.08	.01	.07	-.11	-.01	-.06	-.01	-.01	-.03	-.11	-.08
VAR_043	-.08	-.18*	.18*	-.10	-.08	-.11	.20*	-.06	.17*	.08	-.13	.12	.18*	-.03	.04	.03	-.00
VAR_044	.01	.04	-.04	.04	-.07	-.00	-.09	.03	.02	-.06	.03	.18*	.16*	-.20*	.06	-.20*	-.06
VAR_045	.03	.11	-.11	.09	-.04	.08	-.09	.06	-.00	-.10	.07	.20*	.20*	-.14	-.08	-.20*	-.11
VAR_046	-.16	-.34*	.34*	-.22*	-.09	-.29*	.32*	-.15	.14	.32*	-.23*	.09	.16*	-.03	-.02	.01	.04
VAR_047	-.10	-.10	.11	-.05	-.04	-.17*	.05	-.10	.18*	.11	-.08	.07	.22*	-.00	.00	-.08	-.10
VAR_048	-.09	-.15	.16	-.12	-.04	-.17*	.19*	-.08	.07	.18*	-.07	-.00	.07	-.13	.04	.03	-.01
VAR_049	-.11	-.27*	.27*	-.16	-.11	-.29*	.31*	-.11	.06	.27*	-.22*	-.08	-.03	-.03	-.01	.26*	.12
VAR_050	-.07	-.17*	.17*	-.06	-.08	-.23*	.21*	-.07	.07	.16	-.07	-.07	.13	.16	-.06	.21*	.14
VAR_051	-.04	-.03	.03	-.08	-.12	-.10	.14	-.03	-.16	.10	-.08	-.16*	-.13	.06	.01	.23*	.01
VAR_052	-.01	.06	-.07	.05	.05	.04	-.02	-.02	-.09	-.09	-.01	-.09	-.10	.05	-.15	-.03	-.05
VAR_053	.10	.30*	-.31*	.32*	.13	.26*	-.39*	.11	.19*	-.38*	.25*	.26*	.54*	.06	-.08	-.44*	-.28*
VAR_054	.07	.22*	-.22*	.34*	.11	.19*	-.31*	.08	.19*	-.28*	.19*	.26*	.53*	.06	-.07	-.44*	-.27*
VAR_055	.09	.29*	-.29*	.37*	.19	.22*	-.33*	.09	.17*	-.28*	.19*	.24*	.53*	.08	-.07	-.41*	-.23*
VAR_056	.04	.48*	-.48*	.35*	.14	.38*	-.38*	.06	.30*	-.40*	.11	.03	.15	.12	-.10	-.10	-.23*
VAR_057	.11	.54*	-.54*	.41*	.17*	.44*	-.53*	.13	.27*	-.48*	.20*	.14	.28*	.06	-.05	-.29*	-.28*
VAR_058	-.02	.43*	-.43*	.25*	.05	.30*	-.36*	-.00	.19*	-.50*	.04	.08	.15	-.01	-.05	-.19*	-.17*
VAR_059	.00	.44*	-.44*	.31*	.15	.37*	-.37*	.01	.27*	-.54*	.05	.11	.24*	.08	-.18*	-.23*	-.24*
VAR_060	.07	.53*	-.53*	.36*	.18*	.43*	-.50*	.08	.32*	-.64*	.18*	.05	.20*	.10	-.08	-.23*	-.28*
VAR_061	-.08	.34*	-.34*	.17*	.07	.25*	-.25*	-.06	.28*	-.43*	.03	.04	.22*	-.01	.05	-.16*	-.14
VAR_062	.15	.58*	-.58*	.50*	.30*	.54*	-.56*	.15	.24*	-.68*	.20*	.08	.15	-.01	-.05	-.19*	-.17*
VAR_063	.12	.40*	-.40*	.38*	.28*	.41*	-.42*	.13	.22*	-.55*	.20*	.10	.27*	.31*	-.16	-.16*	-.18
VAR_064	-.02	.38*	-.37*	.20*	.14	.30*	-.30*	.00	.14	-.43*	.05	.04	.02	.18*	-.12	-.12	-.17*
VAR_065	.03	.53*	-.54*	.39*	.26*	.44*	-.50*	.05	.21*	-.60*	.15	-.02	-.03	.07	-.16*	-.25*	-.30*
VAR_066	-.03	-.54*	.54*	-.33*	-.06	-.35*	.44*	-.04	-.31*	.64*	-.11	-.10	-.25*	-.00	.09	.23*	.25*
VAR_067	.09	-.41*	.41*	-.14	.03	-.25*	.29*	.07	-.31*	.47*	.01	-.02	-.15	.07	.02	.16*	.17*
VAR_068	-.04	-.41*	.41*	-.25*	-.14	-.34*	.34*	-.05	-.25*	.49*	-.04	-.05	-.03	-.19*	.14	.14	.13
VAR_069	-.08	-.57*	.57*	-.31*	-.17*	-.43*	.48*	-.10	-.24*	.62*	-.15	-.06	.05	-.01	.14	.29*	.26*
VAR_070	.03	-.50*	.51*	-.31*	-.16*	-.37*	.46*	-.00	-.20*	.58*	-.14	.08	.07	-.03	.16*	.22*	.26*
VAR_071	.06	.62*	-.61*	.35*	.19*	.49*	-.55*	.09	.23*	-.64*	.24*	-.00	.00	-.00	-.16	-.22*	-.24*
VAR_072	-.09	.06	-.06	-.09	-.05	-.02	-.03	-.05	.11	-.03	-.05	.15	.06	-.05	.02	-.24*	-.13
VAR_074	.56*	.20*	-.21*	.60*	.47*	.56*	-.35*	.49*	-.19*	-.27*	.42*	.02	-.03	.29*	-.24*	.16*	-.03

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STAT. BASIC STATS	Correlations (reportdb) Marked correlations are significant at p < .05000																
Variable	VAR_01 8	VAR_01 9	VAR_02 0	VAR_02 1	VAR_02 2	VAR_02 3	VAR_02 4	VAR_02 5	VAR_02 6	VAR_02 7	VAR_02 8	VAR_02 9	VAR_03 0	VAR_03 1	VAR_03 2	VAR_03 3	VAR_03 4
VAR1	.32*	.82*	.90*	-.04	.90*	.70*	-.05	.80*	.12	-.22*	.32*	-.15	.76*	.90*	.79*	.00	-.27*
VAR2	.13	-.34*	-.04	-.10	-.00	-.17*	.10	.34*	.82*	.12	.24*	-.17*	.25*	.19*	.08	.12	-.14
VAR3	-.14	.34*	.04	.10	.00	.16*	-.11	-.34*	-.82*	-.12	-.24*	.16*	-.26*	-.19*	-.07	-.12	.15
VAR4	.39*	.16	.39*	-.14	.39*	.13	.02	.89*	.47*	-.16*	.28*	-.13	.53*	.84*	.34*	.08	-.38*
VAR5	.42*	.27*	.27*	-.04	.35*	.31*	-.07	.40*	.32*	-.17*	.19*	-.08	.36*	.35*	.22*	.06	-.37*
VAR6	.49*	.09	.38*	-.11	.36*	.05	.04	.61*	.46*	-.04	.38*	-.20*	.84*	.81*	.52*	.10	-.32*
VAR7	-.18*	.19*	-.11	.11	-.15	.03	-.12	-.45*	-.50*	-.03	-.31*	.15	-.36*	-.32*	-.19*	-.10	.23*
VAR8	.28*	.81*	.91*	-.04	.91*	.64*	-.06	.88*	.10	-.18*	.31*	-.14	.81*	.93*	.81*	-.00	-.25*
VAR9	-.21*	-.24*	-.20*	-.07	-.14	-.13	.16*	-.04	.18*	.04	-.04	.13	-.16*	-.16	-.10	.01	.14
VAR_010	-.09	.27*	-.03	.13	-.08	.12	-.15	-.44*	-.61*	-.09	-.32*	.21*	-.32*	-.27*	-.13	-.16*	.19*
VAR_011	.24*	.54*	.69*	-.08	.74*	.38*	-.11	.70*	.22*	-.22*	.27*	-.08	.68*	.74*	.89*	.03	-.04
VAR_012	-.02	.14	.13	.00	.08	.04	-.08	.10	.02	-.31*	.02	.06	.09	.10	-.00	-.12	-.08
VAR_013	-.18*	-.10	-.02	-.10	-.07	.05	.13	.07	.19*	-.19*	.14	-.06	-.05	-.05	.06	.13	.11
VAR_014	.03	.17*	.13	-.07	.17*	.14	-.03	.14	.18*	.03	.15	-.14	.17*	.17*	.10	.17*	-.25*
VAR_015	-.22*	-.16*	-.22*	-.06	-.23*	-.10	.01	-.21*	-.04	.22*	-.13	.02	-.20*	-.21*	-.24*	-.05	-.07
VAR_016	.39*	.13	-.02	.09	.05	.13	-.09	-.11	-.19*	.10	-.07	-.07	-.07	-.02	.04	.04	-.01
VAR_017	.15	.04	-.14	.04	-.15	.07	-.10	-.25*	-.18*	.06	-.10	.06	-.25*	-.18*	-.23*	-.04	-.05
VAR_018	1.00	.20*	.21*	.00	.25*	.13	-.03	.28*	.07	-.02	.11	-.06	.29*	.34*	.17*	-.05	-.28*
VAR_019	.20*	1.00	.85*	.05	.84*	.71*	-.14	.50*	-.20*	-.26*	.14	-.04	.56*	.70*	.70*	-.08	-.08
VAR_020	.21*	.85*	1.00	-.02	.89*	.64*	-.13	.71*	-.00	-.19*	.24*	-.10	.74*	.82*	.77*	-.02	-.19*
VAR_021	.00	.05	-.02	1.00	-.02	-.03	-.04	-.08	-.13	-.07	-.07	.07	-.07	-.05	.01	.08	.08
VAR_022	.25*	.84*	.89*	-.02	1.00	.67*	-.08	.69*	-.00	-.17*	.28*	-.10	.74*	.83*	.79*	.03	-.19*
VAR_023	.13	.71*	.64*	-.03	.67*	1.00	-.03	.38*	-.07	-.20*	.16*	-.08	.32*	.47*	.56*	.02	-.09
VAR_024	-.03	-.14	-.13	-.04	-.08	-.03	1.00	.01	.05	.10	.17*	-.05	-.09	-.07	-.10	.02	.00
VAR_025	.28*	.50*	.71*	-.08	.69*	.38*	.01	1.00	.49*	-.03	.32*	-.19*	.80*	.84*	.68*	.09	-.25*
VAR_026	.07	-.20*	-.00	-.13	-.00	-.07	.05	.49*	1.00	.21*	.21*	-.20*	.23*	.19*	.05	.14	-.14
VAR_027	-.02	-.26*	-.19*	-.07	-.17*	-.20*	.10	-.03	.21*	1.00	.10	-.14	.12	-.03	-.21*	.10	-.09
VAR_028	.11	.14	.24*	-.07	.28*	.16*	.17*	.32*	.21*	.10	1.00	-.46*	.34*	.32*	.22*	-.01	-.09
VAR_029	-.06	-.04	-.10	.07	-.10	-.08	-.05	-.19*	-.20*	-.14	-.46*	1.00	-.17*	-.14	-.03	-.11	.17*
VAR_030	.39*	.56*	.74*	-.07	.74*	.32*	-.09	.80*	.23*	.13	.34*	-.17*	1.00	.90*	.68*	.08	-.25*
VAR_031	.94*	.70*	.82*	-.05	.83*	.47*	-.07	.84*	.19*	-.03	.32*	-.14	.90*	1.00	.74*	.01	-.24*
VAR_032	.17*	.70*	.77*	.01	.79*	.56*	-.10	.68*	.05	-.21*	.22*	-.03	.68*	.74*	1.00	.05	.08
VAR_033	-.05	-.08	-.03	.08	.03	.02	.02	.09	.14	.10	-.01	-.11	.08	.01	.05	1.00	.01
VAR_034	-.28*	-.08	-.19*	.08	-.19*	-.09	.00	-.25*	-.14	-.09	-.09	.17*	-.25*	-.24*	.08	.01	1.00
VAR_035	-.03	-.08	.11	-.10	.16*	-.03	.04	.96*	.84*	-.08	.28*	.05	.90*	.28*	.18*	.17*	.00
VAR_036	.04	-.00	.07	-.10	.10	.04	.04	.23*	.33*	-.12	.13	-.07	.14	.12	.02	.10	-.14
VAR_037	-.03	-.11	.09	-.11	.13	-.05	.10	.33*	.50*	-.06	.26*	.06	.37*	.24*	.13	.12	.02
VAR_038	.14	.13	.18*	-.03	.23*	.12	-.04	.29*	.34*	-.22*	.16	-.10	.32*	.26*	.11	.18*	-.21*
VAR_039	.20*	.08	.14	-.05	.18*	.05	-.18*	.35*	.45*	.05	.15	-.10	.30*	.29*	.31*	.17*	-.10
VAR_040	-.03	-.02	-.01	.08	-.00	-.03	-.08	-.00	.05	.07	.00	-.03	-.02	-.01	-.01	.06	.04
VAR_041	-.04	-.01	.01	.04	.03	-.03	-.08	.02	.10	.12	.01	-.04	.01	.01	-.05	.15	-.01
VAR_042	.07	-.03	-.01	-.05	.03	.01	-.05	.01	.06	.07	-.03	-.00	-.03	.00	-.06	.17*	-.05
VAR_043	-.14	-.03	-.07	.04	-.09	-.11	.08	-.06	-.03	.01	.04	-.07	-.06	-.06	-.06	.09	.13
VAR_044	-.17*	-.01	.05	.03	.01	-.05	-.03	.07	.05	-.16*	.03	.15	.05	.03	.05	.07	.13
VAR_045	-.11	.02	.07	-.04	.04	-.07	-.03	.06	.07	-.14	.04	.07	.06	.06	.04	.03	.11
VAR_046	-.11	-.03	-.13	-.02	-.16*	-.04	.10	-.19*	-.25*	-.10	-.16	.04	-.19*	-.17*	-.13	-.12	.10
VAR_047	-.18*	-.04	-.07	.01	-.10	-.03	.05	-.08	-.04	-.19*	-.07	.11	-.11	-.09	-.03	-.09	.13
VAR_048	-.03	-.03	-.05	.03	-.07	-.04	.09	-.07	-.16	-.08	-.12	.01	-.05	-.05	-.06	-.13	.08
VAR_049	-.01	-.03	-.13	.08	-.08	-.09	-.12	-.19*	-.27*	-.05	-.05	-.01	-.15	-.10	-.12	.00	-.04
VAR_050	-.03	-.03	-.08	.20*	-.05	-.11	-.12	-.09	-.16*	-.19*	-.00	.04	-.14	-.07	.01	.09	.03
VAR_051	.04	-.03	-.04	.15	.00	-.04	-.10	-.05	-.10	.10	-.04	-.11	-.03	-.00	-.05	-.05	-.07
VAR_052	.01	-.07	-.03	.17*	-.04	-.07	.05	.01	.05	-.01	-.07	.01	-.04	-.03	-.04	.04	-.04
VAR_053	-.19*	-.02	.08	-.02	.10	.00	.01	.16*	.26*	-.24*	.14	.13	.14	.12	.13	.15	.15
VAR_054	-.23*	.00	.07	.03	.07	.00	.00	.11	.30*	-.23*	.12	.14	.11	.09	.10	.13	.18*
VAR_055	-.20*	.00	.07	-.03	.09	.03	-.02	.13	.32*	-.25*	.10	.14	.11	.10	.09	.16*	.15
VAR_056	.09	-.26*	-.11	-.14	-.06	-.18*	.10	.26*	.46*	.23*	.25*	-.35*	.15	.11	.00	.18*	-.16*
VAR_057	-.00	-.31*	-.09	-.13	.09	-.08	.08	.94*	.55*	.09	.29*	-.26*	.19*	.15	.07	.25*	-.10
VAR_058	.03	-.22*	-.12	-.12	-.08	-.11	.08	.14	.40*	.08	.22*	-.23*	.07	.03	-.03	.10	-.08
VAR_059	.00	-.28*	-.15	-.16*	-.10	-.21*	.07	.19*	.36*	.09	.17*	-.26*	.08	.05	-.04	.09	-.12
VAR_060	.01	-.24*	-.07	-.11	-.02	-.13	.06	.28*	.52*	.09	.26*	-.27*	.15	.12	.09	.15	-.05
VAR_061	-.01	-.28*	-.18*	-.04	-.15	-.23*	.09	.12	.34*	.13	.13	-.27*	.03	-.00	-.06	.12	-.01
VAR_062	.14	-.19*	-.03	-.13	.07	-.15	.03	.31*	.42*	.08	.26*	-.22*	.25*	.22*	.04	.13	-.22*
VAR_063	.03	-.11	-.01	.06	.06	-.11	-.02	.27*	.43*	-.04	.27*	-.17*	.17*	.16	.11	.19*	-.07
VAR_064	.10	-.18*	-.12	.07	-.06	-.19*	.02	.11	.26*	.13	.13	-.16*	.10	.06	-.04	.02	-.10
VAR_065	.10	-.25*	-.07	-.01	-.04	-.22*	.17*	.28*	.46*	.18*	.08	-.08	.17*	.13	-.04	.05	-.16
VAR_066	-.06	.37*	.10	.14	.07	.16	-.04	-.24*	-.46*	-.12	-.24*	.27*	-.12	-.08	-.01	-.20*	.13
VAR_067	-.01	.31*	.21*	.05	.16	.26*	-.08	-.11	-.31*	-.14	-.11	.24*	.00	.02	.08	-.12	.02
VAR_068	-.08	.17*	.09	-.08	.00	.19*	-.04	-.16	-.27*	-.12	-.16	.19*	-.13	-.10	.03	-.16*	.10
VAR_069	-.10	.20*	.03	.04	-.00	.10	-.10	-.23*	-.43*	-.18*	-.22*	.23*	-.15	-.14	-.01	-.10	.14
VAR_070	-.10	.29*	.10	-.00	.07	.22*	-.18*	-.22*	-.39*	-.21*	-.03	.05	-.11	-.08	.06	-.08	.11
VAR_071	.16	-.18*	.01	-.08	.06	-.13	.04	.29*	.47*	.10	.24*	-.23*	.20*	.13	.06	.18*	-.17*
VAR_072	-.12	-.03	-.02	.07	-.09	-.01	-.13	-.06	.03	-.02	-.07	.07	-.03	-.08	-.04	-.04	.09
VAR_074	.40*	.31*	.35*	-.05	.44*	.26*	.10	.45*	.21*	-.09	.21*	-.12	.50*	.54*	.33*	.14	-.30*

STAT. BASIC STATS	Correlations (reportds) Marked correlations are significant at p < .05000																
Variable	VAR_03 5	VAR_03 6	VAR_03 7	VAR_03 8	VAR_03 9	VAR_04 0	VAR_04 1	VAR_04 2	VAR_04 3	VAR_04 4	VAR_04 5	VAR_04 6	VAR_04 7	VAR_04 8	VAR_04 9	VAR_05 0	VAR_05 1
VAR1	.21*	.14	.16*	.29*	.24*	-.03	-.01	.02	-.08	.01	.03	-.16	-.10	-.09	-.11	-.07	-.04
VAR2	.57*	.28*	.60*	.16*	.17*	.06	.09	.16	-.18*	.04	.11	-.34*	-.10	-.15	-.27*	-.17*	-.03
VAR3	-.58*	-.28*	-.60*	-.17*	-.18*	-.06	-.10	-.15	.18*	-.04	-.11	.34*	.11	.16	.27*	.17*	.03
VAR4	.60*	.36*	.58*	.47*	.41*	-.06	-.03	.04	-.10	.04	.09	-.22*	-.05	-.12	-.16	-.06	-.08
VAR5	.31*	.44*	.36*	.84*	.46*	-.07	-.01	.01	-.08	-.07	-.04	-.09	-.04	-.04	-.11	-.08	-.13
VAR6	.55*	.39*	.53*	.43*	.37*	-.05	-.02	.08	-.11	-.00	.08	-.29*	-.17*	-.17*	-.29*	-.23*	-.10
VAR7	-.64*	-.31*	-.64*	-.24*	-.22*	.03	.01	-.08	.20*	-.03	-.09	.32*	.05	.19*	.31*	.21*	.14
VAR8	.21*	.15	.17*	.37*	.21*	-.01	.02	.01	-.06	.03	.06	-.15	-.10	-.08	-.11	-.07	-.03
VAR9	.24*	.19*	.23*	.06	-.02	.18*	.13	.07	.17*	.02	-.00	.14	.18*	.07	.06	.07	-.16
VAR_010	-.67*	-.38*	-.67*	-.31*	-.24*	-.05	-.10	-.11	.08	-.06	-.10	.32*	.11	.18*	.27*	.16	.10
VAR_011	.41*	.14	.36*	.22*	.30*	.03	-.02	-.01	-.13	.03	.07	-.22*	-.08	-.07	-.22*	-.07	-.08
VAR_012	.19*	.28*	.20*	.30*	-.01	.00	.02	-.06	.12	.18*	.20*	.09	.07	-.00	-.08	-.07	-.16*
VAR_013	.40*	.43*	.38*	.32*	.17*	-.01	-.02	-.01	.15*	.16*	.20*	.16*	.22*	.07	-.02	.13	-.13
VAR_014	.11	.23*	.03	.34*	.23*	-.08	-.05	-.01	-.03	-.20*	-.14	-.03	-.00	-.13	-.02	.16	.06
VAR_015	-.20*	.00	-.19*	-.10	-.10	-.00	-.03	-.03	.04	.06	-.08	-.02	.00	.04	-.01	-.06	.01
VAR_016	-.45*	-.29*	-.46*	-.15	.06	-.09	-.15	-.11	.03	-.20*	-.20*	.01	-.08	.03	.26*	.21*	.23*
VAR_017	-.35*	-.11	-.37*	-.08	-.02	-.23*	-.18*	-.08	-.00	-.06	-.11	.04	-.10	-.01	.12	.14	.01
VAR_018	-.02	.06	-.02	.14	.20*	-.02	-.04	.07	-.14	-.17*	-.11	-.11	-.18*	-.03	-.01	-.03	.04
VAR_019	-.08	-.00	-.11	.13	.08	-.02	-.01	-.02	-.02	-.01	.02	-.03	-.06	-.03	-.03	-.03	-.02
VAR_020	.11	.07	.09	.18*	.14	-.01	.01	-.01	-.07	.05	.07	-.12	-.07	-.05	-.13	-.08	-.06
VAR_021	-.10	-.10	-.11	-.03	-.05	.05	.04	-.05	.04	.03	-.04	-.02	.01	.03	.08	.20*	.15
VAR_022	.16*	.10	.12	.23*	.18*	-.00	.02	.02	-.09	.01	.04	-.16*	-.10	-.07	-.08	-.05	.00
VAR_023	-.03	.04	-.05	.12	.05	-.03	-.03	.01	-.11	-.05	-.07	-.04	-.03	-.06	-.09	-.11	-.06
VAR_024	.06	.04	.10	-.06	-.18*	-.08	-.08	-.05	.08	-.03	-.03	.10	.05	.09	-.12	-.12	-.10
VAR_025	.36*	.23*	.33*	.29*	.35*	-.00	.02	.01	-.06	.07	.06	-.19*	-.08	-.07	-.19*	-.09	-.05
VAR_026	.54*	.33*	.50*	.34*	.45*	.05	.10	.06	-.03	.05	.07	-.25*	-.06	-.16	-.27*	-.16*	-.10
VAR_027	-.08	-.12	-.06	-.22*	.05	.07	.12	.07	.01	-.16*	-.14	-.10	-.19*	-.08	-.05	-.18*	.10
VAR_028	.28*	.13	.26*	.16	.15	.00	.01	-.02	.04	.03	.06	-.16	-.07	-.12	-.05	-.00	-.04
VAR_029	.05	-.07	.06	-.10	-.10	-.02	-.04	-.00	-.07	.15	.07	.06	.11	.01	-.01	.04	-.11
VAR_030	.30*	.14	.27*	.22*	.30*	-.02	.01	-.03	-.06	.05	.08	-.19*	-.11	-.05	-.15	-.14	-.03
VAR_031	.28*	.12	.24*	.26*	.29*	-.01	.01	.00	-.06	.02	.06	-.17*	-.09	-.05	-.10	-.07	-.00
VAR_032	.18*	.02	.13	.11	.21*	-.01	-.05	-.06	-.06	.05	.04	-.13	-.03	-.06	-.12	.01	-.05
VAR_033	.17*	.10	.12	.18*	.17*	.06	.15	.17*	.09	.07	.03	-.12	-.09	-.13	.00	.09	-.05
VAR_034	.00	-.14	.02	-.21*	-.10	.04	-.01	-.05	.13	.13	.11	.10	.13	.08	-.04	.02	-.07
VAR_035	1.00	.41*	.94*	.39*	.32*	.09	.07	.12	.02	.21*	.28*	-.21*	.07	-.11	-.27*	-.11	-.21*
VAR_036	.41*	1.00	.46*	.70*	.35*	.04	.12	.02	-.00	-.07	.06	-.22*	-.11	-.16	-.24*	-.06	-.21*
VAR_037	.94*	.46*	1.00	.29*	.31*	.07	.07	.10	.02	.24*	.30*	-.20*	.04	-.08	-.24*	-.18*	-.27*
VAR_038	.39*	.70*	.29*	1.00	.32*	.04	.14	.03	.09	-.06	.09	-.18*	-.05	-.12	-.11	.01	-.14
VAR_039	.32*	.35*	.31*	.32*	1.00	-.03	.03	-.03	-.15	-.08	.00	-.15	-.04	-.10	-.02	.03	.01
VAR_040	.09	.04	.07	.04	-.02	1.00	.77*	.58*	.11	-.25*	-.06	.06	.05	.16*	.04	.06	.17*
VAR_041	.07	.12	.07	.14	.03	.77*	1.00	.47*	.11	-.17*	-.01	.07	.05	.16	-.01	.01	.09
VAR_042	.12	.02	.10	.03	-.03	.58*	.47*	1.00	-.02	-.23*	-.01	-.01	-.03	.02	.04	.04	.11
VAR_043	.02	-.00	.02	.09	-.15	.11	.11	-.02	1.00	.47*	.56*	.30*	.23*	.19*	.18*	.20*	.14
VAR_044	.21*	-.07	.24*	-.06	-.08	-.25*	-.17*	-.23*	.47*	1.00	.71*	.06	.22*	.11	-.06	-.00	-.08
VAR_045	.28*	.06	.30*	.09	.00	-.06	-.01	-.01	.56*	.71*	1.00	.09	.19*	.17*	-.03	.00	.03
VAR_046	-.21*	-.22*	-.20*	-.18*	-.15	.06	.07	-.01	.30*	.06	.09	1.00	.75*	.71*	.21*	.09	.09
VAR_047	.07	-.11	.04	-.05	-.04	.05	.05	-.03	.23*	.22*	.19*	.75*	1.00	.71*	.07	.16	.06
VAR_048	-.11	-.16	-.08	-.12	-.10	.16*	.16	.02	.19*	.11	.17*	.71*	.71*	1.00	-.01	-.04	.08
VAR_049	-.27*	-.24*	-.24*	-.11	-.03	.04	-.01	.04	.18*	-.06	-.03	.21*	.07	-.01	1.00	.59*	.56*
VAR_050	-.11	-.06	-.18*	.01	.02	.06	.01	.04	.20*	-.00	.00	.09	.16	-.04	.59*	1.00	.80*
VAR_051	-.21*	-.21*	-.27*	-.14	.01	.17*	.09	.11	.14	-.08	.03	.09	.06	.08	.56*	.80*	1.00
VAR_052	.00	-.08	-.02	.05	-.11	.13	.18*	.19*	.08	-.07	-.02	.02	-.03	.04	.04	.09	.13
VAR_053	.81*	.43*	.77*	.33*	.11	.15	.08	.16	.17*	.90*	.35*	-.01	.22*	.00	-.21*	.00	-.22*
VAR_054	.75*	.42*	.72*	.30*	.09	.17*	.18*	.16*	.19*	.39*	.33*	.04	.25*	.03	-.18*	.02	-.21*
VAR_055	.77*	.41*	.72*	.32*	.10	.12	.05	.33*	.16	.37*	.33*	-.00	.21*	-.02	-.18*	.03	-.21*
VAR_056	.32*	.18*	.28*	.23*	.14	.09	.17*	.07	.80*	.05	.22*	-.04	-.04	-.09	.11	.13	.17*
VAR_057	.84*	.24*	.81*	.27*	.19*	-.03	.08	.01	.38*	.37*	.38*	-.08	.04	-.06	-.05	.06	.00
VAR_058	.33*	.12	.30*	.19*	.09	-.03	.07	.02	.41*	.31*	.31*	-.04	.02	-.04	.05	.06	.09
VAR_059	.38*	.21*	.23*	.23*	.20*	.10	.13	.14	.21*	-.10	.06	.21*	.08	.02	.21*	.13	.14
VAR_060	.40*	.26*	.33*	.28*	.27*	.06	.09	.04	.09	-.07	.03	-.09	.13	-.09	.04	.11	.07
VAR_061	.24*	.21*	.19*	.30*	.08	.23*	.24*	.18*	.19*	-.07	.05	.05	.07	.19*	.07	.13	.13
VAR_062	.50*	.31*	.44*	.34*	.27*	.03	.06	.16*	.09	-.07	.10	-.12	-.10	-.16*	.26*	.07	.14
VAR_063	.51*	.42*	.48*	.43*	.22*	.08	.13	.09	.37*	.00	.14	-.09	.05	-.13	.11	.41*	.15
VAR_064	.25*	.22*	.25*	.11	.15	.02	.07	.08	.22*	-.06	.13	.01	-.01	-.04	.16	.11	.32*
VAR_065	.47*	.28*	.51*	.10	.22*	.07	.19*	.13	-.04	-.07	-.01	-.09	-.01	-.01	-.23*	-.14	-.05
VAR_066	-.38*	-.13	-.34*	-.21*	-.14	-.03	-.11	-.02	-.43*	-.26*	-.35*	.05	.02	.09	-.08	-.10	-.10
VAR_067	-.15	-.16*	-.10	-.16	-.14	-.17*	-.20*	-.13	-.15	.13	.01	-.08	-.01	-.05	-.16*	-.14	-.15
VAR_068	-.29*	-.27*	-.25*	-.27*	-.10	-.04	-.11	-.13	-.25*	.06	-.12	.08	.13	.13	-.24*	-.19*	-.22*
VAR_069	-.38*	-.21*	-.32*	-.25*	-.13	-.37*	-.49*	-.37*	-.02	.21*	.01	.13	.05	-.04	.15	.09	-.01
VAR_070	-.42*	-.23*	-.46*	-.05	-.13	-.05	-.15	-.11	.10	.14	.05	.04	.01	-.03	.25*	.14	.03
VAR_071	.44*	.23*	.47*	.20*	.22*	.14	.24*	.33*	-.01	-.02	.10	-.29*	-.13	-.18*	-.13	-.04	-.03
VAR_072	.05	-.01	.08	-.06	-.04	.03	.04	.07	-.09	.13	.03	.04	.11	-.02	-.05	-.07	-.08
VAR_074	.27*	.13	.30*	.32*	.28*	-.05	-.01	.01	-.06	-.03	-.00	-.14	-.13	-.10	-.04	-.09	-.00

STATISTICA: Basic Statistics and Tables

STAT. BASIC STATS	Correlations (reportdb) Marked correlations are significant at p < .05000																
Variable	VAR_05 2	VAR_05 3	VAR_05 4	VAR_05 5	VAR_05 6	VAR_05 7	VAR_05 8	VAR_05 9	VAR_06 0	VAR_06 1	VAR_06 2	VAR_06 3	VAR_06 4	VAR_06 5	VAR_06 6	VAR_06 7	VAR_06 8
VAR1	-.01	.10	.07	.09	.04	.11	-.02	.00	.07	-.08	.15	.12	-.03	.03	-.02	.09	-.04
VAR2	.06	.30*	.22*	.23*	.48*	.54*	.42*	.44*	.53*	.54*	.58*	.40*	.38*	.53*	-.54*	-.41*	-.41*
VAR3	-.07	-.31*	-.22*	-.23*	-.48*	-.54*	-.43*	-.44*	-.53*	-.54*	-.58*	-.40*	-.37*	-.54*	.54*	.41*	.41*
VAR4	.05	.32*	.24*	.27*	.35*	.41*	.25*	.31*	.36*	.17*	.50*	.38*	.20*	.39*	-.33*	-.14	-.25*
VAR5	.05	.13	.11	.13	.14	.17*	.05	.15	.18*	.07	.30*	.28*	.14	.26*	-.06	.02	-.14
VAR6	.04	.26*	.19*	.22*	.38*	.44*	.30*	.37*	.43*	.25*	.54*	.41*	.30*	.44*	-.35*	-.25*	-.34*
VAR7	-.02	-.39*	-.31*	-.33*	-.38*	-.52*	-.36*	-.37*	-.50*	-.25*	-.56*	-.43*	-.30*	-.50*	.44*	.29*	.34*
VAR8	-.02	.11	.08	.09	.06	.13	-.00	.01	.08	-.06	.15	.12	.00	.05	-.04	.07	-.05
VAR9	-.09	.19*	.19*	.17*	.30*	.27*	.19*	.37*	.32*	.28*	.24*	.23*	.14	.21*	-.31*	-.31*	-.25*
VAR_010	-.09	-.35*	-.28*	-.28*	-.40*	-.48*	-.50*	-.54*	-.44*	-.43*	-.48*	-.55*	-.43*	-.40*	.44*	.47*	.49*
VAR_011	-.01	.25*	.19*	.19*	.11	.20*	.04	.05	.18*	.03	.20*	.20*	.05	.15	-.11	.01	-.04
VAR_012	-.09	.26*	.26*	.24*	.03	.14	.08	.11	.05	.04	.08	.10	.04	-.02	-.10	-.02	-.05
VAR_013	-.10	.54*	.53*	.52*	.15	.28*	.15	.24*	.20*	.22*	.17*	.27*	.02	-.03	-.25*	-.15	-.03
VAR_014	.05	.06	.06	.08	.12	.06	-.01	.08	.10	-.01	.18*	.31*	.18*	.07	-.00	.07	-.19*
VAR_015	-.15	-.08	-.07	-.07	-.10	-.05	-.05	-.18*	-.08	.05	-.20*	-.16	-.12	-.16*	.09	.02	.14
VAR_016	-.03	-.44*	-.44*	-.41*	-.10	-.29*	-.19*	-.23*	-.23*	-.16*	-.23*	-.16*	-.12	-.25*	.23*	.16*	.14
VAR_017	-.05	-.28*	-.27*	-.23*	-.23*	-.25*	-.17*	-.24*	-.28*	-.14	-.28*	-.15	-.17*	-.30*	.28*	.17*	.13
VAR_018	.01	-.19*	-.23*	-.20*	.09	-.00	.03	.08	.01	-.01	.14	.03	.10	.10	-.05	-.01	-.08
VAR_019	-.07	-.02	.00	.00	-.26*	-.21*	-.22*	-.28*	-.24*	-.28*	-.19*	-.11	-.18*	-.25*	.27*	.31*	.17*
VAR_020	-.03	.08	.07	.07	-.11	-.03	-.12	-.15	-.07	-.18*	-.02	-.01	-.12	-.07	.10	.21*	.09
VAR_021	.17*	-.03	.03	-.03	-.14	-.13	-.12	-.16*	-.11	-.04	-.12	.06	.07	-.01	.14	.08	-.08
VAR_022	-.06	.10	.07	.09	-.05	.03	-.08	-.10	-.03	-.15	.07	.06	-.06	-.04	.07	.16	.00
VAR_023	-.07	.00	.00	.02	-.18*	-.08	-.11	-.21*	-.13	-.23*	-.15	-.11	-.19*	-.22*	.16	.26*	.19*
VAR_024	.05	.01	.00	-.02	.10	.08	.08	.07	.06	.09	.03	-.02	.03	.17*	-.04	-.08	-.04
VAR_025	.01	.16*	.11	.13	.26*	.34*	.14	.19*	.28*	.13	.31*	.37*	.11	.38*	-.24*	-.11	-.16
VAR_026	.05	.26*	.20*	.22*	.46*	.55*	.46*	.36*	.53*	.24*	.42*	.43*	.26*	.46*	-.46*	-.31*	-.27*
VAR_027	-.01	-.24*	-.23*	-.25*	.23*	.09	.08	.09	.09	.13	.08	-.04	.13	.18*	-.12	-.14	-.12
VAR_028	-.07	.14	.13	.10	.25*	.38*	.22*	.17*	.26*	.13	.26*	.27*	.13	.08	-.24*	-.11	-.16
VAR_029	.01	.13	.14	.14	-.25*	-.26*	-.22*	-.26*	-.27*	-.27*	-.22*	-.17*	-.16*	-.08	.27*	.24*	.19*
VAR_030	-.06	.14	.11	.11	.15	.19*	.07	.08	.15	.03	.25*	.17*	.10	.17*	-.13	.00	-.13
VAR_031	-.03	.13	.09	.10	.11	.15	.03	.05	.13	-.00	.23*	.16	.06	.13	-.08	.02	-.10
VAR_032	-.06	.13	.10	.09	.00	.07	-.03	-.04	.09	-.06	.04	.11	-.04	-.04	-.01	.08	.03
VAR_033	.06	.15	.13	.14*	.18*	.25*	.10	.09	.15	.13	.13	.19*	.02	.08	-.20*	-.13	-.16*
VAR_034	-.04	.15	.18*	.15	-.16*	-.10	-.08	-.13	-.08	-.01	-.32*	-.07	-.10	-.16	.13	.02	.10
VAR_035	.00	.81*	.75*	.77*	.32*	.54*	.38*	.38*	.40*	.24*	.50*	.51*	.25*	.47*	-.38*	-.15	-.28*
VAR_036	-.03	.43*	.42*	.41*	.18*	.24*	.13	.21*	.26*	.21*	.31*	.42*	.22*	.28*	-.13	-.16*	-.27*
VAR_037	-.02	.77*	.73*	.72*	.24*	.51*	.30*	.33*	.33*	.19*	.44*	.48*	.25*	.51*	-.34*	-.10	-.25*
VAR_038	.05	.33*	.30*	.32*	.33*	.27*	.19*	.33*	.38*	.20*	.34*	.43*	.11	.10	-.21*	-.16	-.27*
VAR_039	-.11	.11	.08	.10	.14	.19*	.09	.20*	.27*	.08	.27*	.22*	.15	.22*	-.14	-.14	-.10
VAR_040	.13	.15	.17*	.13	.09	-.03	-.03	.10	.06	.23*	.03	.08	.03	.07	-.03	-.17*	-.04
VAR_041	.18*	.08	.18*	.05	.17*	.08	.07	.13	.09	.24*	.06	.13	.07	.19*	-.11	-.20*	-.11
VAR_042	.19*	.16	.16*	.23*	.07	.01	.02	.14	.04	.18*	.16*	.09	.08	.13	-.02	-.13	-.13
VAR_043	.05	.17*	.19*	.16	.50*	.38*	.41*	.21*	.09	.19*	.09	.27*	.23*	-.04	-.42*	-.15	-.25*
VAR_044	-.07	.30*	.29*	.27*	.05	.37*	.31*	-.10	-.07	-.07	-.07	.00	-.06	-.07	-.26*	.13	.06
VAR_045	-.03	.35*	.33*	.33*	.22*	.38*	.51*	.06	.09	.05	.10	.14	.13	-.01	-.35*	.01	-.13
VAR_046	.02	-.01	.04	-.00	-.04	-.08	-.04	.21*	-.09	.05	-.13	-.09	.01	-.09	.05	-.08	.08
VAR_047	-.03	.22*	.25*	.21*	-.04	.04	.03	.08	.13	.07	-.10	.05	-.01	-.01	.02	-.01	.13
VAR_048	.04	.00	.03	-.02	-.09	-.06	-.04	.02	-.09	.19*	-.16*	-.13	-.04	-.01	.09	-.05	.13
VAR_049	.04	-.21*	-.18*	-.18*	.11	-.05	.08	.21*	.04	.07	.26*	.11	.16	-.22*	-.08	-.16*	-.24*
VAR_050	.09	.00	.02	.03	.13	.06	.06	.13	.11	.13	.07	.41*	.11	-.14	-.10	-.14	-.19*
VAR_051	.13	-.32*	-.21*	-.21*	.17*	.00	.09	.14	.07	.13	.14	.15	.32*	-.05	-.10	-.15	-.22*
VAR_052	1.00	.01	.00	.02	.11	.08	-.01	.06	-.05	.08	.06	.07	.06	.26*	-.02	-.04	-.13
VAR_053	.01	1.00	.97*	.98*	.08	.33*	.16	.11	.15	.13	.31*	.35*	.06	.18*	-.17*	.01	-.11
VAR_054	.00	.97*	1.00	.96*	.05	.28*	.13	.08	.12	.14	.17*	.28*	.07	.17*	-.13	.01	-.10
VAR_055	.02	.98*	.96*	1.00	.03	.27*	.11	.07	.10	.09	.17*	.32*	.03	.12	-.11	.05	-.08
VAR_056	.11	.08	.05	.03	1.00	.81*	.75*	.75*	.68*	.89*	.70*	.66*	.64*	.47*	-.88*	-.44*	-.47*
VAR_057	.08	.33*	.28*	.27*	.81*	1.00	.80*	.59*	.64*	.81*	.58*	.62*	.48*	.48*	-.88*	-.48*	-.48*
VAR_058	-.01	.16	.13	.11	.75*	.80*	1.00	.57*	.59*	.55*	.53*	.50*	.48*	.32*	-.85*	-.51*	-.48*
VAR_059	.06	.11	.08	.07	.75*	.59*	.57*	1.00	.76*	.71*	.73*	.56*	.61*	.44*	-.71*	-.84*	-.62*
VAR_060	-.05	.15	.12	.10	.68*	.64*	.59*	.76*	1.00	.73*	.65*	.62*	.52*	.45*	-.65*	-.78*	-.54*
VAR_061	.08	.13	.14	.09	.89*	.81*	.55*	.71*	.73*	1.00	.49*	.48*	.49*	.36*	-.56*	-.83*	-.49*
VAR_062	.06	.31*	.17*	.17*	.70*	.58*	.53*	.73*	.65*	.49*	1.00	.73*	.73*	.53*	-.64*	-.58*	-.53*
VAR_063	.07	.35*	.28*	.32*	.66*	.62*	.50*	.56*	.62*	.48*	.73*	1.00	.67*	.48*	-.58*	-.47*	-.77*
VAR_064	.06	.06	.07	.03	.64*	.48*	.48*	.61*	.52*	.49*	.73*	.67*	1.00	.55*	-.53*	-.53*	-.53*
VAR_065	.26*	.18*	.17*	.13	.47*	.48*	.32*	.44*	.45*	.36*	.53*	.48*	.55*	1.00	-.38*	-.38*	-.47*
VAR_066	-.03	-.17*	-.13	-.11	-.88*	-.88*	-.85*	-.71*	-.65*	-.56*	-.64*	-.58*	-.53*	-.38*	1.00	.61*	.57*
VAR_067	-.04	.01	.01	.05	-.64*	-.48*	-.51*	-.86*	-.78*	-.83*	-.58*	-.77*	-.58*	-.47*	.57*	1.00	.57*
VAR_068	-.13	-.11	-.10	-.08	-.67*	-.48*	-.48*	-.62*	-.54*	-.49*	-.83*	-.77*	-.48*	-.47*	.48*	.84*	.81*
VAR_069	-.17*	-.07	-.09	-.03	-.54*	-.45*	-.38*	-.51*	-.56*	-.58*	-.55*	-.48*	-.43*	-.57*	.32*	.33*	.48*
VAR_070	-.30*	-.14	-.13	-.10	-.42*	-.38*	-.27*	-.40*	-.39*	-.21*	-.44*	-.38*	-.50*	-.32*	.53*	.39*	.47*
VAR_071	.07	.13	.09	.08	.56*	.55*	.43*	.44*	.53*	.31*	.58*	.58*	.48*	.57*	-.54*	-.39*	-.47*
VAR_072	.08	.11	.13	.12	-.08	.02	-.01	-.02	.01	.00	-.09	-.08	.08	.03	.03	.04	.03
VAR_074	-.03	.08	.05	.07	.20*	.22*	.09	.17*	.17*	.03	.37*	.21*	.18*	.19*	-.14	-.06	-.22*

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STAT. BASIC STATS	Correlations (reportdb) Marked correlations are significant at p < .05000				
Variable	VAR_06 9	VAR_07 0	VAR_07 1	VAR_07 2	VAR_07 3
VAR1	-.08	.02	.06	-.09	.56*
VAR2	-.57*	-.50*	.62*	.06	.20*
VAR3	.57*	.51*	-.61*	-.06	-.21*
VAR4	-.31*	-.31*	.35*	-.09	.60*
VAR5	-.17*	-.16*	.19*	-.05	.47*
VAR6	-.43*	-.37*	.49*	-.02	.56*
VAR7	.48*	.46*	-.55*	-.02	-.35*
VAR8	-.10	-.00	.09	-.05	.49*
VAR9	-.24*	-.20*	.23*	.11	-.19*
VAR_010	.62*	.58*	-.64*	-.02	-.27*
VAR_011	-.15	-.14	.24*	-.05	.42*
VAR_012	-.06	.08	-.00	.15	.02
VAR_013	.05	.07	.00	.06	-.03
VAR_014	-.01	-.03	-.00	-.05	.29*
VAR_015	.14	.16*	-.16	.02	-.24*
VAR_016	.29*	.23*	-.23*	-.24*	.16*
VAR_017	.26*	.26*	-.34*	-.13	-.03
VAR_018	-.10	-.10	.16	-.13	.40*
VAR_019	.20*	.29*	-.18*	-.02	.31*
VAR_020	.09	.10	.01	-.02	.35*
VAR_021	.04	-.00	-.08	.07	-.05
VAR_022	-.00	.07	.06	-.09	.44*
VAR_023	.10	.22*	-.13	-.01	.26*
VAR_024	-.10	-.18*	.04	-.13	.10
VAR_025	-.23*	-.22*	.29*	-.06	.45*
VAR_026	-.43*	-.39*	.47*	.03	.21*
VAR_027	-.18*	-.21*	.10	-.02	-.09
VAR_028	-.22*	-.03	.24*	-.07	.21*
VAR_029	.23*	.05	-.22*	.07	-.13
VAR_030	-.15	-.11	.20*	-.03	.50*
VAR_031	-.14	-.08	.13	-.08	.54*
VAR_032	-.01	.06	.06	-.04	.33*
VAR_033	-.10	-.08	.18*	-.04	.14
VAR_034	.14	.11	-.17*	.09	-.30*
VAR_035	-.35*	-.42*	.44*	.05	.37*
VAR_036	-.21*	-.23*	.23*	-.01	.13
VAR_037	-.32*	-.46*	.47*	.08	.30*
VAR_038	-.25*	-.05	.20*	-.06	.33*
VAR_039	-.13	-.13	.23*	-.04	.38*
VAR_040	-.37*	-.08	.14	.03	-.05
VAR_041	-.49*	-.15	.34*	.04	-.01
VAR_042	-.37*	-.11	.23*	.07	.01
VAR_043	-.02	.10	-.01	-.09	-.06
VAR_044	.21*	.14	-.03	.13	-.03
VAR_045	.01	.08	.10	.03	-.00
VAR_046	.13	.04	-.29*	.04	-.14
VAR_047	.06	.01	-.13	.11	-.13
VAR_048	-.04	-.08	-.19*	-.02	-.10
VAR_049	.15	.23*	-.13	-.05	-.04
VAR_050	.09	.14	-.04	-.07	-.09
VAR_051	-.01	.09	-.03	-.05	-.00
VAR_052	-.17*	-.30*	.07	.08	-.03
VAR_053	-.07	-.14	.12	.11	.08
VAR_054	-.09	-.13	.09	.13	.05
VAR_055	-.03	-.10	.08	.12	.07
VAR_056	-.54*	-.43*	.56*	-.08	.30*
VAR_057	-.45*	-.28*	.55*	.02	.22*
VAR_058	-.38*	-.27*	.45*	-.01	.09
VAR_059	-.51*	-.40*	.44*	-.02	.17*
VAR_060	-.54*	-.39*	.53*	.01	.17*
VAR_061	-.53*	-.31*	.31*	.00	.02
VAR_062	-.58*	-.46*	.53*	-.03	.37*
VAR_063	-.48*	-.39*	.55*	-.03	.21*
VAR_064	-.43*	-.50*	.43*	.05	.18*
VAR_065	-.57*	-.52*	.57*	.02	.13*
VAR_066	.48*	.32*	-.54*	.02	-.14
VAR_067	.54*	.33*	-.39*	.04	-.06
VAR_068	.51*	.45*	-.47*	.03	-.23*
VAR_069	1.00	.53*	-.56*	-.00	-.18*
VAR_070	.53*	1.00	-.53*	.02	-.13
VAR_071	-.56*	-.53*	1.00	-.02	.13
VAR_072	-.00	.02	-.02	1.00	-.19*
VAR_074	-.18*	-.13	.13	-.19*	1.00

APPENDIX B

Descriptive Statistics and Correlations

N = 148

STAT. BASIC STATS	Descriptive Statistics (dist95(3)				
Variable	Valid N	Mean	Minimum	Maximum	Std.Dev.
VAR1	148	17290.3	2049.00	195973.	18972.1
VAR2	148	61.5	.76	97.	20.5
VAR3	148	57.7	3.07	99.	20.8
VAR4	148	61.4	37.78	86.	9.5
VAR5	148	11.4	4.21	36.	5.6
VAR6	148	8718.2	4000.00	15000.	1836.0
VAR7	148	23.1	8.01	51.	9.2
VAR8	148	3387.7	340.00	33481.	3396.5
VAR9	148	94.2	88.09	97.	1.6
VAR_010	148	59.4	15.95	95.	19.8
VAR_011	148	65.7	6.50	191.	26.6
VAR_012	148	16.8	6.08	20.	1.6
VAR_013	148	76.0	0.00	100.	11.6
VAR_014	148	36.1	16.25	71.	9.0
VAR_015	148	2.0	0.00	13.	2.4
VAR_016	148	3509.7	2793.96	5455.	399.8
VAR_017	148	6.5	3.19	12.	1.7
VAR_018	148	17513.2	4278.00	53770.	7096.2
VAR_019	148	754876.3	82870.00	6281097.	650135.5
VAR_020	148	1684.7	211.00	13293.	1398.8
VAR_021	148	112.4	22.00	6464.	526.0
VAR_022	148	5.0	1.00	36.	3.8
VAR_023	148	1.0	0.00	25.	2.4
VAR_024	148	81.8	70.00	97.	5.6
VAR_025	148	3.7	0.00	27.	4.3
VAR_026	148	4.0	0.00	11.	2.9
VAR_027	148	13.2	3.60	27.	3.7
VAR_028	148	15.3	0.00	100.	20.8
VAR_029	148	77.3	0.00	100.	29.9
VAR_030	148	190594.3	5682.00	788664.	146841.5
VAR_031	148	803337.1	58744.00	5358499.	808561.8
VAR_032	148	13.1	0.00	78.	9.6
VAR_033	148	36.4	0.00	100.	28.3
VAR_034	148	49.5	0.00	99.	20.8
VAR_035	148	18.0	0.00	22.	2.1
VAR_036	148	60.7	0.00	98.	14.1
VAR_037	148	19.3	0.00	23.	2.4
VAR_038	148	31.8	0.00	66.	10.8
VAR_039	148	3.6	0.00	56.	6.0
VAR_040	148	3.2	-16.60	14.	4.4
VAR_041	148	-2.4	-34.50	22.	7.8
VAR_042	148	5.1	-15.40	21.	5.1
VAR_043	148	2.9	-10.70	18.	4.6
VAR_044	148	3.3	-18.80	18.	4.9
VAR_045	148	4.3	-20.10	24.	6.0
VAR_046	148	2.6	-9.70	47.	6.0
VAR_047	148	2.9	-14.00	44.	5.7
VAR_048	148	4.2	-11.60	42.	6.1
VAR_049	148	.9	-11.40	17.	4.2
VAR_050	148	3.0	-15.90	27.	4.8
VAR_051	148	1.6	-12.90	18.	4.9
VAR_052	148	.3	-20.70	17.	7.0
VAR_053	148	270.8	0.00	285.	23.2
VAR_054	148	271.4	0.00	283.	23.6
VAR_055	148	267.8	0.00	287.	22.9
VAR_056	147	45.0	30.10	68.	6.5
VAR_057	148	51.8	37.20	72.	5.7
VAR_058	148	53.9	35.80	75.	6.7
VAR_059	148	45.5	32.90	59.	5.5
VAR_060	148	50.7	39.80	68.	5.4
VAR_061	148	51.5	37.70	65.	5.4
VAR_062	148	43.0	26.00	59.	5.7
VAR_063	148	50.8	34.50	69.	6.2
VAR_064	148	50.6	34.10	65.	5.7
VAR_065	148	200.2	179.00	220.	8.8
VAR_066	148	24.7	0.00	61.	11.2
VAR_067	148	24.3	1.50	60.	10.3
VAR_068	148	29.1	4.80	60.	10.9
VAR_069	148	25.8	0.00	62.	10.8
VAR_070	148	24.0	2.30	73.	16.1
VAR_071	148	2.6	1.00	5.	.7
VAR_072	148	4138.9	130.00	8220.	2302.3
VAR_074	148	66.2	13.40	287.	60.6
TESTGAIN	148	69.9	15.40	100.	18.0

STAT. BASIC STATS	Correlations (dist95(9) Marked correlations are significant at p < .05000 N=147 (Casewise deletion of missing data)																
Variable	VAR1	VAR2	VAR3	VAR4	VAR5	VAR6	VAR7	VAR8	VAR9	VAR_010	VAR_011	VAR_012	VAR_013	VAR_014	VAR_015	VAR_016	VAR_017
VAR1	1.00	.09	-.10	.51*	.42*	.48*	-.26*	.99*	-.23*	-.20*	.73*	.11	-.00	.20*	-.23*	.04	-.11
VAR2	.09	1.00	-1.0*	.47*	.03	.59*	-.86*	.10	.15	-.89*	.28*	-.02	.15	-.09	-.14	-.39*	-.45*
VAR3	-.10	-1.0*	1.00	-.48*	-.04	-.59*	.86*	-.10	-.15	.89*	-.28*	.02	-.15	.08	.15	.39*	.45*
VAR4	.51*	.47*	-.48*	1.00	.72*	.78*	-.62*	.50*	.04	-.60*	.51*	.12	.20*	.30*	-.25*	-.11	-.10
VAR5	.42*	.03	-.04	.72*	1.00	.61*	-.21*	.38*	-.06	-.22*	.32*	.13	.07	.48*	-.18*	.11	.06
VAR6	.48*	.59*	-.59*	.78*	.61*	1.00	-.76*	.48*	-.02	-.72*	.50*	.11	.09	.21*	-.24*	-.17*	-.22*
VAR7	-.26*	-.86*	.86*	-.62*	-.21*	-.76*	1.00	-.27*	-.11	.88*	-.38*	-.02	-.21*	-.07	.15	.37*	.39*
VAR8	.99*	.10	-.10	.50*	.38*	.48*	-.27*	1.00	-.21*	-.23*	.75*	.14	.00	.18*	-.23*	-.03	-.17*
VAR9	-.23*	.15	-.15	.04	-.06	-.02	-.11	-.21*	1.00	-.25*	-.14	.13	.24*	-.03	-.03	-.31*	-.22*
VAR_010	-.20*	-.89*	.89*	-.60*	-.22*	-.72*	.88*	-.23*	-.25*	1.00	-.36*	-.08	-.21*	-.08	.18*	.45*	.45*
VAR_011	.73*	.28*	-.28*	.51*	.32*	.50*	-.38*	.75*	-.14	-.36*	1.00	.03	.11	.14	-.30*	-.03	-.33*
VAR_012	.11	-.02	.02	.12	.13	.11	-.02	.14	.13	-.08	.03	1.00	.10	-.05	-.04	-.53*	-.11
VAR_013	-.00	.15	-.15	.20*	.07	.09	-.21*	.00	.24*	-.21*	.11	.10	1.00	.13	.10	-.25*	-.08
VAR_014	.20*	-.09	.08	.30*	.48*	.21*	-.07	.18*	-.03	-.08	.14	-.05	.13	1.00	-.15	.17*	.11
VAR_015	-.23*	-.14	.15	-.25*	-.18*	-.24*	.15	-.23*	-.03	.18*	-.30*	-.04	.10	-.15	1.00	.04	.30*
VAR_016	.04	-.39*	.39*	-.11	.11	-.17*	.37*	-.03	-.31*	.45*	-.02	-.53*	-.25*	.17*	.04	1.00	.50*
VAR_017	-.11	-.45*	.45*	-.10	.06	-.22*	.39*	-.17*	-.23*	.45*	-.33*	-.11	-.08	.11	.30*	.50*	1.00
VAR_018	.32*	.12	-.13	.38*	.42*	.48*	-.17*	.28*	-.21*	-.08	.24*	-.02	-.17*	.04	-.33*	.41*	.15
VAR_019	.82*	-.35*	.34*	.16	.26*	.08	.20*	.81*	-.31*	.28*	.53*	.13	-.10	.18*	-.17*	.17*	.04
VAR_020	.90*	-.05	.05	.33*	.27*	.27*	-.10	.91*	-.27*	-.03	.68*	.11	-.02	.15	-.23*	.02	-.14
VAR_021	-.04	-.10	.10	-.14	-.05	-.11	.11	-.04	-.08	.14	-.08	-.00	-.10	-.08	-.06	.10	.04
VAR_022	.80*	-.01	.01	.39*	.35*	.36*	-.14	.91*	-.21*	-.09	.73*	.06	-.06	.19*	-.24*	.09	-.14
VAR_023	.68*	-.17*	.17*	.13	.21*	.09	.04	.66*	-.15	.12	.39*	.03	.05	.15	-.11	.15	.07
VAR_024	-.05	.10	-.12	.02	-.07	.04	-.12	-.04	.19*	-.13	-.10	-.09	.13	-.02	.02	-.06	-.11
VAR_025	.80*	.33*	-.33*	.59*	.40*	.61*	-.45*	.83*	-.07	-.46*	.70*	.09	.07	.16	-.22*	-.10	-.25*
VAR_026	.11	.52*	-.51*	.47*	.31*	.46*	-.50*	.11	.21*	-.61*	.24*	.03	.21*	.19*	-.04	-.19*	-.19*
VAR_027	-.22*	.15	-.15	-.14	-.15	-.02	-.07	-.22*	-.12	-.09	-.25*	-.39*	-.22*	.06	.21*	.21*	.06
VAR_028	.32*	.23*	-.24*	.27*	.19*	.37*	-.30*	.31*	-.06	-.32*	.27*	.00	.15	.16*	-.14	-.05	-.10
VAR_029	-.16*	-.21*	.21*	-.16	-.09	-.23*	.21*	-.17*	.09	.28*	-.11	.00	-.03	-.10	-.00	.04	.07
VAR_030	.76*	.24*	-.24*	.52*	.35*	.53*	-.35*	.80*	-.23*	-.34*	.68*	.06	-.03	.20*	-.21*	-.03	-.25*
VAR_031	.90*	.18*	-.18*	.54*	.35*	.51*	-.32*	.92*	-.22*	-.39*	.73*	.08	-.04	.19*	-.23*	.01	-.18*
VAR_032	.78*	.06	-.06	.33*	.21*	.32*	-.17*	.80*	-.15	-.14	.89*	-.03	.07	.12	-.26*	.08	-.23*
VAR_033	.01	.14	-.13	.09	.06	.11	-.12	.00	.00	-.18*	.03	-.11	.12	.16	-.05	.02	-.03
VAR_034	-.27*	-.14	.15	-.38*	-.37*	-.32*	.24*	-.25*	.14	.20*	-.06	-.09	.11	-.25*	-.07	.00	-.05
VAR_035	.21*	.57*	-.57*	.59*	.31*	.54*	-.44*	.21*	.21*	-.47*	.41*	.17*	.42*	.13	-.22*	-.44*	-.35*
VAR_036	.14	.28*	-.28*	.37*	.44*	.40*	-.32*	.14	.17*	-.39*	.13	.27*	.45*	.25*	.00	-.28*	-.11
VAR_037	.16	.59*	-.59*	.52*	.26*	.51*	-.63*	.16*	.19*	-.46*	.38*	.18*	.41*	.05	-.21*	-.43*	-.38*
VAR_038	.90*	.19*	-.19*	.49*	.56*	.45*	-.27*	.28*	.07	-.34*	.24*	.23*	.31*	.34*	-.09	-.20*	-.09
VAR_039	.24*	.17*	-.17*	.41*	.46*	.37*	-.22*	.21*	-.04	-.24*	.30*	-.03	.18*	.25*	-.10	.09	-.02
VAR_040	-.00	.17*	-.17*	.00	-.04	.02	-.09	-.00	.05	-.07	.05	.04	-.09	-.15	.02	-.15	-.27*
VAR_041	.01	.17*	-.17*	.02	.02	.04	-.08	.01	-.01	-.11	-.03	.03	-.08	-.08	-.02	-.17*	-.20*
VAR_042	.04	.23*	-.23*	.09	.04	.14	-.18*	.03	-.04	-.13	.00	-.06	-.07	-.04	-.02	-.12	-.09
VAR_043	-.06	-.12	.12	-.04	-.05	-.06	.12	-.04	.14	.03	-.10	.17*	.13	-.07	.05	-.04	-.01
VAR_044	-.01	-.02	.02	-.01	-.10	-.05	-.01	.02	.07	-.01	-.00	.16*	.24*	-.16*	.05	-.14	-.06
VAR_045	.03	.11	-.11	.09	-.03	.08	-.09	.06	.01	-.10	.07	.19*	.21*	-.12	-.09	-.19*	-.12
VAR_046	-.15	-.31*	.31*	-.19*	-.08	-.26*	.27*	-.15	.12	.30*	-.21*	.12	.13	-.07	-.01	-.04	.04
VAR_047	-.10	-.09	.10	-.04	-.04	-.16	.03	-.09	.17*	.11	-.07	.08	.21*	-.01	.01	-.09	-.09
VAR_048	-.08	-.13	.14	-.10	-.03	-.15	.17*	-.07	.06	.16	-.05	.01	.05	-.14	.04	.01	-.02
VAR_049	-.10	-.24*	.24*	-.13	-.10	-.26*	.27*	-.11	.03	.25*	-.21*	-.06	-.06	-.07	.01	.22*	.14
VAR_050	-.05	-.13	.13	-.03	-.07	-.20*	.15	-.06	.03	.13	-.05	-.05	.09	.12	-.05	.17*	.16
VAR_051	-.02	.03	-.03	-.04	-.11	-.07	.07	-.03	-.20*	.06	-.05	-.15	-.19*	.03	.02	.19*	.01
VAR_052	-.01	.09	-.10	.07	.06	.06	-.06	-.01	-.13	-.09	.01	-.07	-.13	.02	-.13	-.05	-.04
VAR_053	.10	.32*	-.32*	.23*	.14	.27*	-.41*	.11	.18*	-.38*	.25*	.27*	.54*	.06	-.08	-.48*	-.29*
VAR_054	.07	.24*	-.24*	.25*	.12	.20*	-.34*	.09	.17*	-.28*	.20*	.37*	.53*	.06	-.07	-.48*	-.27*
VAR_055	.09	.25*	-.25*	.29*	.13	.23*	-.36*	.10	.17*	-.29*	.20*	.25*	.51*	.08	-.07	-.46*	-.23*
VAR_056	.06	.58*	-.58*	.43*	.17*	.47*	-.50*	.09	.28*	-.69*	.15	.06	.11	.09	-.09	-.17*	-.25*
VAR_057	.13	.57*	-.57*	.43*	.18*	.46*	-.56*	.13	.26*	-.71*	.21*	.15	.26*	.08	-.08	-.32*	-.25*
VAR_058	-.01	.44*	-.45*	.26*	.06	.32*	-.38*	.00	.19*	-.53*	.05	.09	.14	-.01	-.06	-.20*	-.18*
VAR_059	.02	.51*	-.51*	.37*	.17*	.43*	-.45*	.03	.25*	-.60*	.08	.14	.21*	.05	-.18*	-.29*	-.24*
VAR_060	.07	.55*	-.55*	.37*	.18*	.44*	-.54*	.08	.22*	-.66*	.19*	.06	.20*	.08	-.07	-.28*	-.27*
VAR_061	-.07	.39*	-.40*	.21*	.09	.29*	-.31*	-.05	.26*	-.47*	.05	.06	.19*	-.03	.06	-.21*	-.15
VAR_062	.16	.62*	-.62*	.53*	.31*	.57*	-.61*	.16	.23*	-.71*	.22*	.09	.15	.17*	-.19*	-.26*	-.25*
VAR_063	.13	.47*	-.46*	.43*	.31*	.46*	-.50*	.14	.21*	-.61*	.23*	.13	.34*	.28*	-.15	-.22*	-.15
VAR_064	-.01	.42*	-.41*	.23*	.16	.33*	-.34*	.01	.13	-.46*	.07	.05	.00	.17*	-.13	-.15	-.18*
VAR_065	.02	.54*	-.55*	.39*	.26*	.44*	-.51*	.03	.16	-.63*	.13	-.03	-.03	.07	-.18*	-.25*	-.30*
VAR_066	-.03	-.59*	.59*	-.37*	-.08	-.39*	.50*	-.05	-.30*	.67*	-.13	-.11	-.23*	.00	.09	.26*	.26*
VAR_067	.08	-.45*	.45*	-.17*	.01	-.28*	.35*	.06	-.30*	.50*	-.00	-.04	-.13	.10	.01	.30*	.18*
VAR_068	-.05	-.46*	.46*	-.28*	-.16	-.38*	.41*	-.06	-.23*	.53*	-.06	-.06	.00	-.17*	.14	.18*	.14
VAR_069	-.09	-.43*	.43*	-.34*	-.19*	-.47*	.54*	-.10	-.17*	.66*	-.16	-.06	.08	-.01	.14	.30*	.27*
VAR_070	.02	-.51*	.51*	-.32*	-.16*	-.38*	.48*	.02	-.14	.58*	-.12	.11	.07	-.04	.17*	.19*	.24*
VAR_071	.06	.64*	-.64*	.37*	.19*	.51*	-.59*	.08	.17*	-.66*	.23*	-.01	-.01	-.03	-.15	-.21*	-.33*
VAR_072	-.10	.04	-.04	-.11	-.06	-.04	.01	-.07	.09	-.00	-.08	.13	.08	-.04	.02	-.23*	-.13
VAR_074	.56*	.20*	-.21*	.60*	.47*	.57*	-.36*	.54*	-.11	-.32*	.47*	.09	-.03	.27*	-.24*	.07	-.03

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STAT. BASIC STATS	Correlations (dist95(9) Marked correlations are significant at p < .05000 N=147 (Casewise deletion of missing data)																
Variable	VAR_01 8	VAR_01 9	VAR_02 0	VAR_02 1	VAR_02 2	VAR_02 3	VAR_02 4	VAR_02 5	VAR_02 6	VAR_02 7	VAR_02 8	VAR_02 9	VAR_03 0	VAR_03 1	VAR_03 2	VAR_03 3	VAR_03 4
VAR1	.32*	.82*	.80*	-.04	.80*	.69*	-.05	.80*	.11	-.22*	.32*	-.16*	.76*	.90*	.78*	.01	-.27*
VAR2	.13	-.35*	-.05	-.10	-.01	-.17*	.10	.23*	.32*	.15	.23*	-.31*	.24*	.18*	.06	.14	-.14
VAR3	-.13	.34*	.06	.10	.01	.17*	-.13	-.23*	-.31*	-.15	-.24*	.21*	-.24*	-.18*	-.06	-.13	.13
VAR4	.38*	.16	.33*	-.14	.39*	.19	.08	.89*	.47*	-.14	.37*	-.14	.82*	.84*	.83*	.09	-.38*
VAR5	.42*	.26*	.27*	-.05	.35*	.21*	-.07	.40*	.21*	-.15	.19*	-.09	.35*	.35*	.21*	.06	-.27*
VAR6	.48*	.08	.27*	-.11	.36*	.09	.04	.61*	.46*	-.02	.37*	-.23*	.53*	.51*	.33*	.11	-.32*
VAR7	-.17*	.30*	-.10	.11	-.14	.04	-.13	-.48*	-.30*	-.07	-.30*	.21*	-.35*	-.33*	-.17*	-.13	.24*
VAR8	.38*	.81*	.91*	-.04	.91*	.66*	-.04	.89*	.11	-.22*	.31*	-.17*	.80*	.98*	.80*	.00	-.25*
VAR9	-.21*	-.31*	-.27*	-.08	-.21*	-.15	.19*	-.07	.21*	-.12	-.06	.09	-.23*	-.23*	-.15	.00	.14
VAR_010	-.09	.28*	-.09	.14	-.09	.12	-.13	-.46*	-.41*	-.09	-.23*	.38*	-.34*	-.29*	-.14	-.18*	.30*
VAR_011	.24*	.53*	.68*	-.09	.73*	.39*	-.10	.70*	.24*	-.25*	.27*	-.11	.68*	.73*	.89*	.09	-.06
VAR_012	-.02	.13	.11	-.00	.06	.03	-.09	.09	.03	-.39*	.00	.00	.06	.08	-.09	-.11	-.09
VAR_013	-.17*	-.10	-.02	-.10	-.06	.05	.13	.07	.21*	-.23*	.15	-.03	-.09	-.04	.07	.12	.11
VAR_014	.04	.18*	.15	-.08	.19*	.15	-.02	.16	.19*	.06	.16*	-.10	.20*	.19*	.12	.14	-.23*
VAR_015	-.23*	-.17*	-.23*	-.06	-.24*	-.11	.02	-.23*	-.04	.21*	-.14	-.00	-.21*	-.22*	-.24*	-.05	-.07
VAR_016	.41*	.17*	.02	.10	.09	.15	-.06	-.10	-.19*	.21*	-.05	.04	-.03	.01	.08	.03	.00
VAR_017	.15	.04	-.14	.04	-.14	.07	-.11	-.25*	-.19*	.06	-.10	.07	-.25*	-.18*	-.23*	-.09	-.05
VAR_018	1.00	.20*	.20*	.00	.25*	.13	-.03	.28*	.07	-.01	.10	-.07	.28*	.34*	.17*	-.05	-.28*
VAR_019	.20*	1.00	.85*	.05	.84*	.71*	-.13	.50*	-.18*	-.30*	.14	-.06	.55*	.49*	.70*	-.08	-.09
VAR_020	.20*	.85*	1.00	-.02	.88*	.64*	-.13	.71*	.01	-.23*	.24*	-.13	.73*	.82*	.76*	-.01	-.19*
VAR_021	.00	.05	-.02	1.00	-.03	-.03	-.04	-.08	-.13	-.07	-.07	.07	-.07	-.05	.00	.08	.08
VAR_022	.25*	.84*	.88*	-.03	1.00	.67*	-.06	.69*	.01	-.22*	.28*	-.13	.73*	.83*	.78*	.03	-.19*
VAR_023	.13	.71*	.64*	-.03	.67*	1.00	-.02	.37*	-.06	-.21*	.16	-.10	.31*	.47*	.56*	.03	-.09
VAR_024	-.03	-.12	-.12	-.04	-.06	-.02	1.00	.02	.04	.11	.18*	-.06	-.07	-.05	-.09	.02	.00
VAR_025	.28*	.50*	.71*	-.08	.69*	.37*	.02	1.00	.51*	-.05	.22*	-.22*	.88*	.84*	.68*	.09	-.24*
VAR_026	.07	-.18*	.01	-.13	.01	-.06	.04	.51*	1.00	.22*	.21*	-.23*	.36*	.21*	.07	.14	-.15
VAR_027	-.01	-.30*	-.23*	-.07	-.22*	-.21*	.11	-.05	.22*	1.00	.09	-.18*	.10	-.05	-.25*	.09	.11
VAR_028	.10	.14	.24*	-.07	.28*	.16	.18*	.32*	.21*	.09	1.00	-.51*	.34*	.32*	.22*	-.00	-.09
VAR_029	-.07	-.06	-.13	.07	-.13	-.10	-.06	-.22*	-.22*	-.18*	-.51*	1.00	-.22*	-.17*	-.07	-.10	.17*
VAR_030	.28*	.55*	.73*	-.07	.73*	.31*	-.07	.80*	.36*	.10	.34*	-.22*	1.00	.90*	.67*	.09	-.26*
VAR_031	.34*	.69*	.82*	-.05	.83*	.47*	-.05	.84*	.21*	-.08	.32*	-.17*	.90*	1.00	.73*	.01	-.25*
VAR_032	.17*	.70*	.76*	.00	.78*	.56*	-.09	.68*	.07	-.25*	.22*	-.07	.67*	.73*	1.00	.04	.08
VAR_033	-.05	-.08	-.01	.08	.03	.02	.02	.09	.14	.09	-.06	-.10	.09	.01	.04	1.00	.01
VAR_034	-.28*	-.09	-.19*	.08	-.19*	-.09	.00	-.26*	-.15	-.11	-.09	.17*	-.16*	-.25*	.08	.01	1.00
VAR_035	-.02	-.08	.11	-.10	.16	-.03	.05	.36*	.83*	-.14	.27*	.02	.80*	.38*	.18*	.18*	-.00
VAR_036	.06	-.02	.06	-.10	.09	.04	.04	.23*	.37*	-.16	.13	-.08	.13	.11	.01	.10	-.14
VAR_037	-.03	-.12	.07	-.11	.11	-.05	.10	.33*	.49*	-.10	.25*	.01	.36*	.33*	.13	.13	.01
VAR_038	.15	.14	.20*	-.03	.24*	.13	-.07	.31*	.26*	-.34*	.17*	-.07	.25*	.37*	.13	.17*	-.21*
VAR_039	.20*	.07	.13	-.05	.17*	.05	-.18*	.34*	.46*	.05	.15	-.13	.29*	.38*	.31*	.17*	-.10
VAR_040	.02	-.03	-.01	.06	-.01	-.02	-.10	-.00	.02	-.06	.03	.10	-.01	-.02	.01	.02	.04
VAR_041	-.02	-.03	.00	.05	.01	-.02	-.09	.03	.09	-.01	.09	.02	.00	-.00	-.06	.13	-.02
VAR_042	.11	-.02	.01	-.06	.09	.03	-.06	.02	.08	-.04	-.00	.07	-.01	.01	-.04	.15	-.04
VAR_043	-.13	-.01	-.05	.04	-.07	-.10	.08	-.04	-.01	-.07	.07	.02	-.03	-.05	-.03	.07	.14
VAR_044	-.21*	-.01	.03	.03	-.00	-.07	-.04	.05	.03	-.13	.01	.08	.02	.00	.03	.11	.14
VAR_045	-.12	.02	.07	-.04	.05	-.07	-.03	.06	.07	-.15	.04	.06	.08	.06	.05	.05	.10
VAR_046	-.10	-.02	-.11	-.02	-.16	-.03	.10	-.19*	-.24*	-.15	-.15	.13	-.17*	-.17*	-.13	-.15	.10
VAR_047	-.18*	-.06	-.07	.01	-.10	-.03	.04	-.08	-.05	-.20*	-.04	.13	-.11	-.08	-.02	-.10	.13
VAR_048	-.02	-.02	-.04	.03	-.04	-.05	.09	-.04	-.15	-.12	-.11	.04	-.04	-.04	-.05	-.14	.08
VAR_049	.01	-.03	-.12	.08	-.08	-.09	-.12	-.19*	-.27*	-.09	-.03	.06	-.13	-.09	-.10	-.03	-.04
VAR_050	-.01	-.03	-.06	.21*	-.05	-.11	-.12	-.09	-.15	-.24*	.02	.11	-.12	-.06	.04	.04	.03
VAR_051	.07	-.02	-.04	.16	.02	-.06	-.10	-.04	-.09	.04	-.02	-.08	.01	.01	-.03	-.08	-.07
VAR_052	.02	-.07	-.01	.18*	-.06	-.07	.05	.02	.05	-.03	-.06	.06	-.05	-.03	-.04	.04	-.04
VAR_053	-.19*	-.01	.09	-.02	.10	.01	.00	.16*	.26*	-.29*	.14	.14	.18	.13	.13	.15	.13
VAR_054	-.23*	.00	.07	.03	.08	.01	.00	.11	.30*	-.38*	.13	.16	.11	.09	.10	.12	.17*
VAR_055	-.19*	.00	.08	-.03	.09	.03	-.03	.13	.23*	-.29*	.11	.16	.13	.10	.10	.16	.18
VAR_056	.12	-.27*	-.09	-.15	-.03	-.17*	.10	.29*	.61*	.19*	.29*	-.30*	.30*	.14	.09	.16	-.19*
VAR_057	.01	-.31*	-.02	-.13	.03	-.08	.08	.35*	.57*	.07	.29*	-.34*	.20*	.16	.08	.34*	-.10
VAR_058	.09	-.22*	-.11	-.12	-.07	-.11	.07	.15	.41*	.07	.23*	-.23*	.08	.09	-.02	.10	-.08
VAR_059	.10	-.29*	-.13	-.17*	-.10	-.21*	.07	.21*	.99*	.05	.20*	-.32*	.11	.07	-.02	.06	-.12
VAR_060	.01	-.25*	-.07	-.11	-.03	-.14	.06	.28*	.53*	.09	.26*	-.26*	.15	.16	.10	.14	-.09
VAR_061	.01	-.28*	-.17*	-.04	-.14	-.22*	.09	.13	.37*	.09	.15	-.24*	.06	.01	-.04	.11	-.01
VAR_062	.15	-.19*	-.01	-.13	.08	-.15	.03	.32*	.43*	.06	.27*	-.30*	.27*	.29*	.05	.11	-.23*
VAR_063	.05	-.11	.00	.06	.07	-.11	-.02	.29*	.46*	-.09	.30*	-.13	.30*	.17*	.13	.18*	-.07
VAR_064	.11	-.18*	-.11	.07	-.05	-.19*	.02	.12	.27*	.10	.14	-.13	.11	.07	-.09	.01	-.10
VAR_065	.10	-.27*	-.09	-.01	-.04	-.23*	.19*	.27*	.46*	.14	.08	-.10	.15	.13	-.08	.05	-.16*
VAR_066	-.07	.27*	.09	.14	.04	.15	-.04	-.25*	-.48*	-.09	-.25*	.24*	-.14	-.09	-.02	-.19*	.14
VAR_067	-.02	.32*	.20*	.04	.16	.26*	-.08	-.12	-.33*	-.13	-.13	.21*	-.02	.01	.07	-.11	.03
VAR_068	-.10	.17*	.07	-.08	-.00	.19*	-.05	-.17*	-.29*	-.09	-.17*	.13	-.15	-.13	.02	-.14	.10
VAR_069	-.12	.21*	.03	.04	-.00	.09	-.10	-.25*	-.43*	-.10	-.23*	.23*	-.14*	-.14	-.02	-.09	.13
VAR_070	-.10	.31*	.13	-.00	.10	.23*	-.19*	-.21*	-.35*	-.16*	-.03	.08	-.09	-.04	.08	-.08	.12
VAR_071	.16	-.20*	-.01	-.08	.05	-.13	.04	.23*	.48*	.07	.35*	-.24*	.32*	.19	.04	.17*	-.17*
VAR_072	-.19	-.05	-.06	.07	-.07	-.03	-.12	-.08	.04	-.03	-.09	.04	-.08	-.11	-.08	-.04	.10
VAR_074	.40*	.35*	.40*	-.06	.50*	.38*	.13	.50*	.20*	-.01	.33*	-.07	.57*	.40*	.39*	.13	-.21*

STAT. BASIC STATS	Correlations (disr95(9) Marked correlations are significant at p < .05000 N=147 (Casewise deletion of missing data)																
Variable	VAR_03 6	VAR_03 6	VAR_03 7	VAR_03 8	VAR_03 9	VAR_04 0	VAR_04 1	VAR_04 2	VAR_04 3	VAR_04 4	VAR_04 5	VAR_04 6	VAR_04 7	VAR_04 8	VAR_04 9	VAR_05 0	VAR_05 1
VAR1	.21*	.14	.16	.30*	.24*	-.00	.01	.04	-.06	-.01	.03	-.15	-.10	-.08	-.10	-.05	-.02
VAR2	.57*	.28*	.58*	.19*	.17*	.17*	.17*	.33*	-.12	-.02	.11	-.31*	-.09	-.13	-.24*	-.13	.03
VAR3	-.57*	-.28*	-.59*	-.19*	-.17*	-.17*	-.17*	-.23*	.13	.02	-.11	.31*	.10	.14	.24*	.13	-.03
VAR4	.58*	.37*	.53*	.49*	.41*	.00	.03	.09	-.04	-.01	.09	-.19*	-.04	-.10	-.13	-.03	-.04
VAR5	.31*	.44*	.26*	.56*	.46*	-.04	.03	.04	-.05	-.10	-.03	-.08	-.04	-.03	-.10	-.07	-.11
VAR6	.54*	.40*	.51*	.45*	.37*	.03	.04	.14	-.06	-.05	.08	-.36*	-.16	-.15	-.26*	-.30*	-.07
VAR7	-.44*	-.32*	-.43*	-.37*	-.22*	-.09	-.08	-.18*	.12	-.01	-.09	.37*	.03	.17*	.37*	.15	.07
VAR8	.21*	.14	.16*	.28*	.21*	-.00	.01	.03	-.04	.02	.06	-.15	-.09	-.07	-.11	-.06	-.03
VAR9	.21*	.17*	.19*	.07	-.04	.05	-.01	-.04	.14	.07	.01	.13	.17*	.06	.03	.03	-.20*
VAR_010	-.67*	-.39*	-.66*	-.34*	-.24*	-.07	-.11	-.12	.03	-.01	-.10	.30*	.11	.16	.25*	.13	.06
VAR_011	.41*	.13	.35*	.24*	.30*	.05	-.02	.00	-.10	-.00	.07	-.21*	-.07	-.05	-.21*	-.05	-.05
VAR_012	.17*	.37*	.18*	.23*	-.02	.04	.03	-.06	.17*	.16*	.19*	.12	.08	.01	-.06	-.05	-.15
VAR_013	.43*	.43*	.41*	.31*	.18*	-.09	-.08	-.07	.13	.24*	.21*	.13	.21*	.05	-.06	.09	-.19*
VAR_014	.13	.25*	.05	.34*	.25*	-.15	-.08	-.04	-.07	-.16*	-.13	-.07	-.01	-.14	-.07	.12	.03
VAR_015	-.23*	.00	-.21*	-.09	-.10	.02	-.02	-.02	.05	.05	-.09	-.01	.01	.04	.01	-.05	.02
VAR_016	-.44*	-.28*	-.43*	-.20*	.09	-.15	-.17*	-.12	-.04	-.14	-.19*	-.04	-.09	.01	.22*	.17*	.19*
VAR_017	-.35*	-.11	-.38*	-.09	-.02	-.27*	-.20*	-.09	-.01	-.06	-.12	.04	-.09	-.02	.14	.16	.01
VAR_018	-.02	.06	-.03	.15	.20*	.02	-.02	.11	-.12	-.21*	-.12	-.10	-.18*	-.02	.01	-.01	.07
VAR_019	-.08	-.02	-.12	.14	.07	-.03	-.03	-.02	-.01	-.01	.02	-.02	-.06	-.03	-.03	-.03	-.02
VAR_020	.11	.06	.07	.20*	.13	-.01	.00	.01	-.05	.03	.07	-.11	-.07	-.04	-.12	-.06	-.04
VAR_021	-.10	-.10	-.11	-.03	-.05	.06	.05	-.06	.04	.03	-.04	-.02	.01	.03	.08	.21*	.16
VAR_022	.16	.09	.11	.24*	.17*	-.01	.01	.03	-.07	-.00	.05	-.16	-.10	-.06	-.08	-.05	.03
VAR_023	-.03	.04	-.05	.13	.05	-.02	-.02	.03	-.10	-.07	-.07	-.03	-.03	-.05	-.09	-.11	-.04
VAR_024	.05	.04	.10	-.07	-.18*	-.10	-.09	-.06	.08	-.04	-.03	.10	.06	.09	-.13	-.13	-.10
VAR_025	.36*	.43*	.33*	.31*	.34*	-.00	.02	.02	-.04	.05	.06	-.19*	-.08	-.06	-.19*	-.09	-.04
VAR_026	.53*	.37*	.49*	.36*	.46*	.02	.09	.05	-.01	.03	.07	-.24*	-.05	-.15	-.27*	-.15	-.09
VAR_027	-.14	-.16	-.10	-.24*	.03	-.08	-.01	-.04	-.07	-.12	-.15	-.15	-.20*	-.12	-.09	-.24*	.06
VAR_028	.27*	.13	.25*	.17*	.15	.03	.03	-.00	.07	.01	.04	-.15	-.06	-.11	-.03	.02	-.02
VAR_029	.03	-.08	.01	-.07	-.13	.10	.02	.07	.02	.08	.04	.13	.13	.04	.06	.11	-.05
VAR_030	.30*	.13	.26*	.25*	.29*	-.01	.00	-.01	-.02	.02	.08	-.17*	-.11	-.04	-.13	-.12	.01
VAR_031	.28*	.11	.23*	.27*	.28*	-.02	-.00	.01	-.05	.00	.06	-.17*	-.08	-.04	-.09	-.06	.01
VAR_032	.18*	.01	.13	.13	.21*	.01	-.06	-.04	-.03	.03	.05	-.13	-.02	-.05	-.10	.04	-.03
VAR_033	.18*	.10	.13	.17*	.17*	.02	.13	.15	.07	.11	.05	-.15	-.10	-.14	-.03	.06	-.08
VAR_034	-.00	-.14	.01	-.21*	-.10	.04	-.02	-.06	.14	.14	.10	.10	.13	.08	-.04	.03	-.07
VAR_035	1.00	.43*	.94*	.42*	.31*	.09	.05	.13	.06	.20*	.28*	-.20*	.08	-.10	-.26*	-.09	-.20*
VAR_036	.43*	1.00	.46*	.73*	.38*	.02	.11	.00	-.02	-.07	.06	-.23*	-.11	-.17*	-.25*	-.07	-.22*
VAR_037	.94*	.46*	1.00	.33*	.30*	.08	.06	.10	.08	.22*	.30*	-.18*	.05	-.07	-.33*	-.16	-.25*
VAR_038	.42*	.73*	.33*	1.00	.33*	-.01	.13	-.00	.05	-.02	.09	-.22*	-.06	-.13	-.15	-.03	-.18*
VAR_039	.31*	.38*	.30*	.33*	1.00	-.03	.03	-.03	-.15	-.10	.00	-.14	-.04	-.08	-.01	.06	.03
VAR_040	.09	.02	.08	-.01	-.03	1.00	.68*	.47*	-.13	-.10	-.04	-.08	.02	.10	-.11	-.10	.03
VAR_041	.05	.11	.06	.12	.03	.68*	1.00	.34*	-.07	-.05	-.01	-.03	.03	.11	-.12	-.10	-.02
VAR_042	.13	.00	.10	-.00	-.03	.47*	.34*	1.00	-.21*	-.12	-.01	-.11	-.06	-.03	-.06	-.06	.00
VAR_043	.06	-.03	.08	.05	-.15	-.13	-.07	-.21*	1.00	.78*	.63*	.23*	.23*	.14	.08	.10	.01
VAR_044	.30*	-.07	.23*	-.02	-.10	-.10	-.05	-.12	.78*	1.00	.78*	.17*	.27*	.18*	.05	.12	.03
VAR_045	.28*	.06	.30*	.09	.00	-.06	-.01	-.01	.63*	.78*	1.00	.11	.20*	.16*	-.01	.03	.04
VAR_046	-.20*	-.23*	-.18*	-.23*	-.14	-.08	-.03	-.11	.23*	.17*	.11	1.00	.75*	.71*	.15	.00	.01
VAR_047	.08	-.11	.05	-.06	-.04	.02	.03	-.06	.23*	.27*	.20*	.75*	1.00	.71*	.04	.13	.04
VAR_048	-.10	-.17*	-.07	-.13	-.09	.10	.11	-.03	.14	.18*	.16*	.71*	.71*	1.00	-.04	-.08	.03
VAR_049	-.26*	-.25*	-.33*	-.15	-.01	-.11	-.13	-.06	.08	.05	-.01	.15	.04	-.04	1.00	.55*	.52*
VAR_050	-.09	-.07	-.16	-.03	.05	-.10	-.10	-.06	.10	.13	.03	.00	.13	-.08	.55*	1.00	.46*
VAR_051	-.20*	-.22*	-.25*	-.19*	.03	.03	-.03	.00	.01	.03	.04	.01	.04	.03	.52*	.46*	1.00
VAR_052	.01	-.04	-.03	.03	-.10	.03	.13	.14	-.01	-.01	-.00	-.03	-.05	.03	-.03	.03	.09
VAR_053	.83*	.43*	.78*	.39*	.11	.13	.05	.14	.16	.24*	.28*	-.02	.22*	-.01	-.23*	-.01	-.25*
VAR_054	.77*	.42*	.73*	.30*	.09	.14	.15	.13	.19*	.24*	.23*	.03	.25*	.02	-.20*	.00	-.24*
VAR_055	.79*	.41*	.74*	.31*	.10	.09	.01	.21*	.14	.22*	.23*	-.02	.20*	-.03	-.21*	.00	-.25*
VAR_056	.37*	.18*	.34*	.21*	.17*	-.09	.05	-.06	.41*	.21*	.24*	-.14	-.07	-.15	.02	.03	.07
VAR_057	.58*	.24*	.53*	.26*	.20*	-.09	.04	-.03	.37*	.44*	.39*	-.13	.04	-.08	-.09	.03	-.03
VAR_058	.34*	.13	.31*	.19*	.09	-.08	.04	-.01	.42*	.35*	.50*	-.06	.02	-.06	.04	.06	.07
VAR_059	.32*	.21*	.27*	.31*	.23*	-.03	.04	.05	.13	-.01	.07	.15	.06	-.02	.14	.05	.06
VAR_060	.41*	.26*	.34*	.28*	.28*	.04	.09	.03	.09	-.05	.04	-.11	.12	-.09	.01	.09	.05
VAR_061	.27*	.21*	.22*	.18*	.10	.14	.17*	.11	.11	.00	.05	-.01	.06	.16*	.02	.08	.07
VAR_062	.51*	.31*	.47*	.32*	.28*	-.04	.01	.13	.03	-.02	.11	-.17*	-.11	-.18*	.23*	.03	.10
VAR_063	.56*	.43*	.53*	.41*	.34*	-.05	.04	.00	.19*	.11	.16	-.17*	.03	-.17*	.04	.35*	.08
VAR_064	.36*	.22*	.27*	.09	.16	-.07	.01	.02	.16	-.00	.13	-.03	-.02	-.07	.13	.08	.29*
VAR_065	.46*	.29*	.50*	.11	.21*	.00	.15	.09	-.04	-.07	-.01	-.10	-.01	-.01	-.23*	-.15	-.06
VAR_066	-.40*	-.13	-.37*	-.20*	-.15	.06	-.05	.04	-.39*	-.35*	-.35*	.09	.03	.12	-.05	-.07	-.05
VAR_067	-.17*	-.16*	-.12	-.14	-.15	-.09	-.15	-.07	-.09	.06	-.00	-.03	.01	-.03	-.11	-.08	-.10
VAR_068	-.31*	-.27*	-.28*	-.28*	-.13	.07	-.03	-.06	-.18*	-.02	-.13	.15	.15	.17*	-.19*	-.13	-.17*
VAR_069	-.34*	-.20*	-.31*	-.25*	-.13	-.25*	-.41*	-.29*	.08	.15	.01	.18*	.06	-.01	.20*	.15	.05
VAR_070	-.40*	-.23*	-.44*	-.06	-.13	.04	-.08	-.07	.11	.15	.05	.04	.01	-.03	.24*	.15	.03
VAR_071	.44*	.34*	.46*	.21*	.22*	.07	.30*	.19*	-.01	.00	.13	-.33*	-.15	-.19*	-.17*	-.09	-.04
VAR_072	.03	-.02	.06	-.04	-.05	.07	.06	.11	-.03	.09	.04	.07	.11	.00	-.03	-.06	-.01
VAR_074	.32*	.16*	.25*	.32*	.31*	-.06	.02	.04	-.05	-.04	.00	-.15	-.13	-.09	-.04	-.10	.01

STAT. BASIC STATS	Correlations (dist95(9) Marked correlations are significant at p < .05000 N=147 (Casewise deletion of missing data)																
Variable	VAR_05 2	VAR_05 3	VAR_05 4	VAR_05 5	VAR_05 6	VAR_05 7	VAR_05 8	VAR_05 9	VAR_06 0	VAR_06 1	VAR_06 2	VAR_06 3	VAR_06 4	VAR_06 5	VAR_06 6	VAR_06 7	VAR_06 8
VAR1	-.01	.10	.07	.09	.06	.12	-.01	.02	.07	-.07	.16	.13	-.01	.02	-.03	.08	-.05
VAR2	.09	.32*	.24*	.25*	.58*	.57*	.44*	.51*	.55*	.39*	.62*	.47*	.42*	.54*	-.59*	-.45*	-.46*
VAR3	-.10	-.32*	-.24*	-.25*	-.58*	-.57*	-.45*	-.51*	-.55*	-.40*	-.62*	-.46*	-.41*	-.55*	.59*	.45*	.46*
VAR4	.07	.33*	.25*	.29*	.43*	.43*	.26*	.37*	.37*	.21*	.53*	.43*	.23*	.39*	-.37*	-.17*	-.28*
VAR5	.06	.14	.12	.13	.17*	.18*	.06	.17*	.18*	.08	.31*	.31*	.16	.26*	-.08	.01	-.16
VAR6	.06	.27*	.20*	.23*	.47*	.46*	.32*	.49*	.44*	.29*	.57*	.46*	.33*	.44*	-.39*	-.28*	-.38*
VAR7	-.06	-.41*	-.34*	-.36*	-.50*	-.56*	-.38*	-.45*	-.54*	-.31*	-.61*	-.50*	-.34*	-.51*	.50*	.35*	.41*
VAR8	-.01	.11	.09	.10	.09	.13	.00	.03	.08	-.05	.16	.14	.01	.03	-.05	.06	-.06
VAR9	-.13	.18*	.17*	.17*	.28*	.26*	.19*	.35*	.32*	.26*	.29*	.21*	.13	.16	-.30*	-.30*	-.23*
VAR_010	-.09	-.35*	-.28*	-.29*	-.69*	-.71*	-.52*	-.60*	-.66*	-.47*	-.71*	-.61*	-.46*	-.63*	.67*	.50*	.53*
VAR_011	.01	.25*	.20*	.20*	.15	.21*	.05	.09	.19*	.05	.22*	.23*	.07	.13	-.13	-.00	-.06
VAR_012	-.07	.27*	.27*	.25*	.06	.15	.09	.14	.06	.06	.09	.13	.05	-.03	-.11	-.04	-.06
VAR_013	-.13	.54*	.53*	.51*	.11	.26*	.14	.21*	.20*	.19*	.15	.24*	.00	-.03	-.23*	-.13	.00
VAR_014	.02	.06	.06	.08	.09	.05	-.01	.05	.08	-.03	.17*	.29*	.17*	.07	.00	.10	-.17*
VAR_015	-.13	-.08	-.07	-.07	-.09	-.05	-.06	-.18*	-.07	.06	-.19*	-.15	-.13	-.18*	.09	.01	.14
VAR_016	-.05	-.48*	-.48*	-.46*	-.17*	-.32*	-.20*	-.29*	-.35*	-.21*	-.26*	-.22*	-.15	-.25*	.26*	.20*	.18*
VAR_017	-.04	-.39*	-.37*	-.23*	-.25*	-.25*	-.18*	-.24*	-.27*	-.15	-.25*	-.15	-.18*	-.30*	.26*	.18*	.14
VAR_018	.02	-.19*	-.23*	-.19*	.12	.01	.03	.10	.01	.01	.15	.05	.11	.10	-.07	-.02	-.10
VAR_019	-.07	-.01	.00	.00	-.27*	-.21*	-.22*	-.29*	-.25*	-.28*	-.19*	-.11	-.18*	-.27*	.27*	.32*	.17*
VAR_020	-.01	.09	.07	.08	-.09	-.02	-.11	-.13	-.07	-.17*	-.01	.00	-.11	-.09	.09	.20*	.07
VAR_021	.18*	-.02	.03	-.03	-.15	-.13	-.12	-.17*	-.11	-.04	-.12	.06	.07	-.01	.14	.06	-.08
VAR_022	-.06	.10	.08	.09	-.03	.03	-.07	-.10	-.03	-.14	.08	.07	-.05	-.06	.06	.16	-.00
VAR_023	-.07	.01	.01	.02	-.17*	-.08	-.11	-.21*	-.14	-.22*	-.15	-.11	-.19*	-.23*	.15	.26*	.19*
VAR_024	.08	.00	.00	-.03	.10	.08	.07	.07	.06	.09	.05	-.03	.02	.19*	-.04	-.08	-.05
VAR_025	.02	.16*	.11	.13	.29*	.35*	.15	.21*	.28*	.13	.32*	.29*	.12	.27*	-.25*	-.12	-.17*
VAR_026	.05	.36*	.30*	.23*	.51*	.57*	.41*	.39*	.53*	.37*	.43*	.46*	.27*	.46*	-.48*	-.33*	-.29*
VAR_027	-.02	-.29*	-.28*	-.29*	.19*	.07	.07	.05	.09	.05	.06	-.09	.10	.14	-.09	-.12	-.09
VAR_028	-.06	.14	.12	.11	.29*	.29*	.23*	.20*	.26*	.15	.27*	.30*	.14	.08	-.25*	-.12	-.17*
VAR_029	.06	.14	.16	.16	-.30*	-.24*	-.22*	-.22*	-.26*	-.24*	-.20*	-.12	-.13	-.10	.24*	.21*	.15
VAR_030	-.05	.15	.11	.12	.20*	.20*	.08	.11	.15	.09	.27*	.20*	.11	.15	-.14	-.02	-.15
VAR_031	-.03	.13	.09	.10	.14	.16	.03	.07	.12	.05	.23*	.17*	.07	.13	-.09	.01	-.12
VAR_032	-.04	.13	.10	.10	.03	.08	-.03	-.02	.10	-.04	.05	.13	-.03	-.05	-.02	.07	.03
VAR_033	.04	.15	.12	.16	.16	.24*	.10	.06	.14	.11	.11	.18*	.01	.05	-.19*	-.11	-.14
VAR_034	-.04	.15	.17*	.15	-.18*	-.10	-.08	-.12	-.05	-.01	-.22*	-.07	-.10	-.16*	.14	.02	.10
VAR_035	.01	.83*	.77*	.79*	.37*	.55*	.34*	.32*	.41*	.27*	.51*	.56*	.26*	.46*	-.40*	-.17*	-.31*
VAR_036	-.04	.43*	.41*	.41*	.18*	.24*	.12	.21*	.26*	.21*	.31*	.43*	.22*	.29*	-.13	-.16*	-.27*
VAR_037	-.02	.78*	.73*	.74*	.34*	.53*	.31*	.37*	.34*	.22*	.47*	.53*	.27*	.50*	-.37*	-.12	-.28*
VAR_038	.02	.32*	.30*	.31*	.21*	.26*	.19*	.31*	.28*	.18*	.32*	.41*	.09	.11	-.20*	-.14	-.25*
VAR_039	-.10	.11	.09	.10	.17*	.20*	.09	.23*	.28*	.10	.28*	.24*	.16	.21*	-.15	-.15	-.12
VAR_040	.03	.13	.14	.09	-.05	-.09	-.08	-.03	.04	.14	-.04	-.05	-.07	.00	.06	-.09	.07
VAR_041	.13	.05	.15	.01	.05	.04	.04	.04	.09	.17*	.01	.04	.01	.15	-.05	-.15	-.03
VAR_042	.14	.14	.13	.21*	-.06	-.03	-.01	.05	.03	.11	.12	.00	.02	.09	.04	-.07	-.06
VAR_043	-.01	.16	.18*	.14	.41*	.37*	.42*	.12	.09	.11	.03	.19*	.16	-.04	-.39*	-.09	-.18*
VAR_044	-.01	.34*	.34*	.32*	.21*	.44*	.35*	-.01	-.05	.00	-.02	.11	-.00	-.07	-.35*	.06	-.02
VAR_045	-.00	.35*	.33*	.33*	.24*	.39*	.50*	.07	.04	.05	.11	.16	.13	-.01	-.35*	-.00	-.13
VAR_046	-.03	-.02	.03	-.02	-.14	-.12	-.06	.15	-.11	-.01	-.17*	-.17*	-.03	-.10	.09	-.03	.15
VAR_047	-.05	.22*	.25*	.20*	-.07	.04	.02	.06	.13	.06	-.11	.03	-.02	-.01	.03	.01	.15
VAR_048	.03	-.01	.02	-.03	-.15	-.08	-.06	-.02	-.09	.16*	-.18*	-.17*	-.07	-.01	.12	-.03	.17*
VAR_049	-.02	-.23*	-.20*	-.21*	.03	-.09	.04	.14	.01	.02	.23*	.04	.13	-.23*	-.05	-.11	-.19*
VAR_050	.03	-.01	.00	.00	.03	.03	.06	.05	.09	.08	.03	.35*	.08	-.15	-.07	-.08	-.13
VAR_051	.09	-.25*	-.24*	-.25*	.07	-.03	.07	.06	.05	.07	.10	.08	.29*	-.06	-.05	-.10	-.17*
VAR_052	1.00	.00	-.01	.01	.06	.07	-.01	.03	-.07	.06	.04	.03	.05	.27*	-.01	-.00	-.09
VAR_053	.00	1.00	.97*	.98*	.07	.32*	.15	.10	.15	.13	.31*	.35*	.05	.17*	-.16*	.02	-.10
VAR_054	-.01	.97*	1.00	.96*	.03	.27*	.12	.07	.13	.12	.16	.34*	.06	.17*	-.13	.03	-.09
VAR_055	.01	.98*	.96*	1.00	.00	.27*	.10	.05	.10	.08	.16*	.31*	.01	.13	-.09	.06	-.06
VAR_056	.06	.07	.03	.00	1.00	.83*	.78*	.73*	.71*	.56*	.70*	.63*	.43*	.81*	-.89*	-.62*	-.65*
VAR_057	.07	.32*	.27*	.27*	.83*	1.00	.80*	.59*	.65*	.50*	.58*	.61*	.44*	.45*	-.88*	-.47*	-.48*
VAR_058	-.01	.15	.12	.10	.78*	.80*	1.00	.58*	.60*	.54*	.52*	.50*	.47*	.32*	-.85*	-.51*	-.48*
VAR_059	.02	.10	.07	.05	.73*	.59*	.58*	1.00	.77*	.69*	.72*	.53*	.60*	.46*	-.70*	-.86*	-.60*
VAR_060	-.07	.15	.13	.10	.71*	.65*	.60*	.77*	1.00	.75*	.65*	.63*	.54*	.45*	-.66*	-.78*	-.54*
VAR_061	.06	.13	.12	.08	.56*	.50*	.54*	.68*	.75*	1.00	.48*	.45*	.47*	.27*	-.54*	-.83*	-.46*
VAR_062	.04	.21*	.16	.16*	.70*	.58*	.53*	.72*	.65*	.48*	1.00	.71*	.71*	.53*	-.64*	-.58*	-.82*
VAR_063	.03	.35*	.34*	.31*	.63*	.61*	.50*	.53*	.63*	.45*	.71*	1.00	.66*	.47*	-.58*	-.45*	-.75*
VAR_064	.05	.05	.06	.01	.69*	.44*	.47*	.60*	.54*	.47*	.71*	.66*	1.00	.56*	-.51*	-.52*	-.83*
VAR_065	.27*	.17*	.17*	.13	.51*	.45*	.32*	.46*	.45*	.27*	.53*	.47*	.56*	1.00	-.39*	-.36*	-.48*
VAR_066	-.01	-.16*	-.13	-.09	-.89*	-.88*	-.85*	-.70*	-.66*	-.54*	-.64*	-.58*	-.51*	-.39*	1.00	.60*	.56*
VAR_067	-.00	.02	.03	.06	-.62*	-.47*	-.51*	-.86*	-.78*	-.83*	-.58*	-.45*	-.52*	-.36*	.60*	1.00	.55*
VAR_068	-.09	-.10	-.09	-.06	-.65*	-.48*	-.48*	-.60*	-.54*	-.46*	-.82*	-.75*	-.82*	-.48*	.56*	.55*	1.00
VAR_069	-.13	-.04	-.06	.01	-.51*	-.44*	-.37*	-.49*	-.57*	-.51*	-.54*	-.46*	-.41*	-.56*	.46*	.53*	.49*
VAR_070	-.29*	-.13	-.11	-.09	-.45*	-.38*	-.27*	-.41*	-.39*	-.32*	-.46*	-.40*	-.51*	-.32*	.33*	.33*	.46*
VAR_071	.03	.11	.08	.08	.58*	.56*	.45*	.45*	.51*	.32*	.54*	.54*	.46*	.57*	-.57*	-.38*	-.47*
VAR_072	.09	.13	.14	.13	-.04	.04	.01	.01	.01	.04	-.02	-.00	.08	-.00	-.00	.03	.01
VAR_074	-.05	.10	.09	.08	.22*	.23*	.09	.18*	.17*	.03	.37*	.22*	.19*	.22*	-.15	-.06	-.23*

STAT. BASIC STATS	Correlations (dist95(9) Marked correlations are significant at p < .05000																
Variable	VAR1	VAR2	VAR3	VAR4	VAR5	VAR6	VAR7	VAR8	VAR9	VAR_010	VAR_011	VAR_012	VAR_013	VAR_014	VAR_015	VAR_016	VAR_017
VAR_069	-.09	-.62*	.62*	-.34*	-.19*	-.47*	.54*	-.10	-.16*	.66*	-.16	-.06	.08	-.00	.14	.30*	.27*
VAR_070	.02	-.51*	.51*	-.32*	-.17*	-.38*	.48*	.02	-.14	.58*	-.12	.11	.07	-.04	.17*	.18*	.26*
VAR_071	.07	.63*	-.63*	.36*	.19*	.51*	-.57*	.08	.18*	-.66*	.23*	-.02	-.00	.00	-.16	-.20*	-.34*
VAR_072	-.10	.04	-.04	-.11	-.06	-.04	.01	-.07	.09	-.01	-.08	.13	.08	-.02	.01	-.22*	-.13
VAR_074	.56*	.20*	-.21*	.60*	.47*	.57*	-.36*	.54*	-.11	-.32*	.46*	.09	-.03	.28*	-.24*	.07	-.09
TESTGAIN	.06	.23*	-.23*	.13	.01	.08	-.13	.08	-.01	-.18*	.07	.04	.02	-.14	-.13	-.11	-.20*

STAT. BASIC STATS	Correlations (dist95(9) Marked correlations are significant at p < .05000																
Variable	VAR_018	VAR_019	VAR_020	VAR_021	VAR_022	VAR_023	VAR_024	VAR_025	VAR_026	VAR_027	VAR_028	VAR_029	VAR_030	VAR_031	VAR_032	VAR_033	VAR_034
VAR_069	-.11	.21*	.03	.04	.00	.10	-.10	-.25*	-.43*	-.11	-.23*	.23*	-.16*	-.14	-.02	-.09	.15
VAR_070	-.10	.31*	.13	-.00	.10	.23*	-.19*	-.21*	-.39*	-.16*	-.02	.08	-.09	-.06	.08	-.08	.12
VAR_071	.16	-.19*	-.00	-.08	.05	-.13	.04	.39*	.47*	.05	.24*	-.24*	.20*	.13	.06	.18*	-.17*
VAR_072	-.13	-.04	-.05	.07	-.06	-.03	-.12	-.08	.04	-.02	-.08	.04	-.07	-.11	-.07	-.03	.09
VAR_074	.40*	.35*	.40*	-.05	.50*	.28*	.11	.50*	.30*	-.01	.23*	-.07	.57*	.40*	.38*	.14	-.31*
TESTGAIN	.05	-.02	.07	.14	.08	-.16	-.10	.14	.04	-.19*	.02	.04	.12	.11	.03	.09	-.00

STAT. BASIC STATS	Correlations (dist95(9) Marked correlations are significant at p < .05000																
Variable	VAR_035	VAR_036	VAR_037	VAR_038	VAR_039	VAR_040	VAR_041	VAR_042	VAR_043	VAR_044	VAR_045	VAR_046	VAR_047	VAR_048	VAR_049	VAR_050	VAR_051
VAR_069	-.34*	-.21*	-.31*	-.25*	-.13	-.36*	-.42*	-.29*	.07	.15	.00	.19*	.06	-.02	.21*	.16	.05
VAR_070	-.40*	-.23*	-.44*	-.06	-.12	.04	-.08	-.07	.11	.15	.05	.04	.01	-.03	.24*	.15	.03
VAR_071	.43*	.23*	.45*	.20*	.23*	.06	.18*	.17*	-.03	-.01	.10	-.31*	-.14	-.20*	-.15	-.06	-.04
VAR_072	.03	-.02	.04	-.04	-.05	.07	.05	.11	-.04	.09	.03	.07	.12	-.00	-.01	-.04	-.01
VAR_074	.32*	.16*	.24*	.32*	.31*	-.06	.02	.04	-.06	-.04	-.00	-.14	-.13	-.09	-.03	-.09	.01
TESTGAIN	.18*	-.00	.16	.02	.06	.20*	.31*	.24*	.36*	.48*	.42*	.12	.24*	.24*	.33*	.33*	.44*

STAT. BASIC STATS	Correlations (dist95(9) Marked correlations are significant at p < .05000																
Variable	VAR_052	VAR_053	VAR_054	VAR_055	VAR_056	VAR_057	VAR_058	VAR_059	VAR_060	VAR_061	VAR_062	VAR_063	VAR_064	VAR_065	VAR_066	VAR_067	VAR_068
VAR_069	-.13	-.04	-.06	.00	-.51*	-.44*	-.38*	-.49*	-.56*	-.51*	-.54*	-.46*	-.41*	-.56*	.46*	.52*	.48*
VAR_070	-.29*	-.13	-.11	-.09	-.45*	-.38*	-.27*	-.42*	-.39*	-.32*	-.46*	-.40*	-.51*	-.92*	.33*	.33*	.46*
VAR_071	.05	.11	.07	.07	.58*	.55*	.43*	.45*	.52*	.31*	.53*	.54*	.43*	.56*	-.54*	-.39*	-.47*
VAR_072	.10	.12	.14	.13	-.04	.04	.00	.01	.02	.03	-.01	.00	.07	.00	.00	.02	.00
VAR_074	-.04	.09	.06	.06	.32*	.33*	.09	.19*	.17*	.03	.37*	.23*	.19*	.22*	-.14	-.07	-.23*
TESTGAIN	.21*	.17*	.19*	.16	.39*	.35*	.32*	.36*	.18*	.32*	.28*	.27*	.30*	.18*	-.35*	-.32*	-.38*

STAT. BASIC STATS	Correlations (dist95(9) Marked correlations are significant at p < .05000					
Variable	VAR_069	VAR_070	VAR_071	VAR_072	VAR_074	TESTGAIN
VAR_069	1.00	.51*	-.54*	-.01	-.22*	-.15
VAR_070	.51*	1.00	-.50*	.05	-.16	-.10
VAR_071	-.54*	-.50*	1.00	-.04	.16	.22*
VAR_072	-.01	.05	-.04	1.00	-.18*	.07
VAR_074	-.22*	-.16	.16	-.18*	1.00	.09
TESTGAIN	-.15	-.10	.22*	.07	.09	1.00

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